

FILE NOTATIONS

Entered in NID File ...
 Location Map Pinned ...
 Card Indexed

Checked by Chief **PWB**
 Approval Letter **1-10-72**
 Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Drawer 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1940' FSL & 1960' FEL, Sec. 33, T40S, R25E

At proposed prod. zone

Same

SENWSE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Six

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

3340'

16. NO. OF ACRES IN LEASE

1840

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

200'

19. PROPOSED DEPTH

5930'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4950' KB

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32#	1730'	Cement to Surface
8-3/4"	7"	20# & 23#	5930'	275 Sacks

Propose to drill 12-1/4" hole to 1730' and set 9-5/8" casing to 1730' with cement circulated to surface. Will drill 8-3/4" hole to 5930' and set 20# and 23# casing to 5930' with 275 sacks cement. The well will be completed in the Desert Creek for production with a Lynes open hole packer set between Zones I and II of the Desert Creek. MCU #T-12 is to be drilled as a replacement to MCU #T-11 to eliminate high maintenance costs of high volume submersible pumping equipment.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 1-10-72

BY CB Feight

WELL APPROVED CONDITIONAL UPON THIS OFFICE RECEIVING
A SURVEYOR'S PLAT OF THE PROPOSED LOCATION AND
NOTIFICATION AS TO THE TYPE OF BLOWOUT PREVENTION
EQUIPMENT TO BE USED.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

J. P. Noser

TITLE

Engineer

(This space for Federal or State office use)

PERMIT NO.

43-C37-30074

APPROVAL DATE

1-10-72

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

JPN/njh

*See Instructions On Reverse Side

cc: State, USGS, Franques, Broussard, Hurlbut, File

4/

THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

January 12, 1972

State of Utah
Oil & Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah

Gentlemen:

Attached are two copies of the location plat for our proposed
MCU well #T-12.

Double gate hydraulic blowout preventers will be installed on
9-5/8" surface pipe.

Very truly yours,

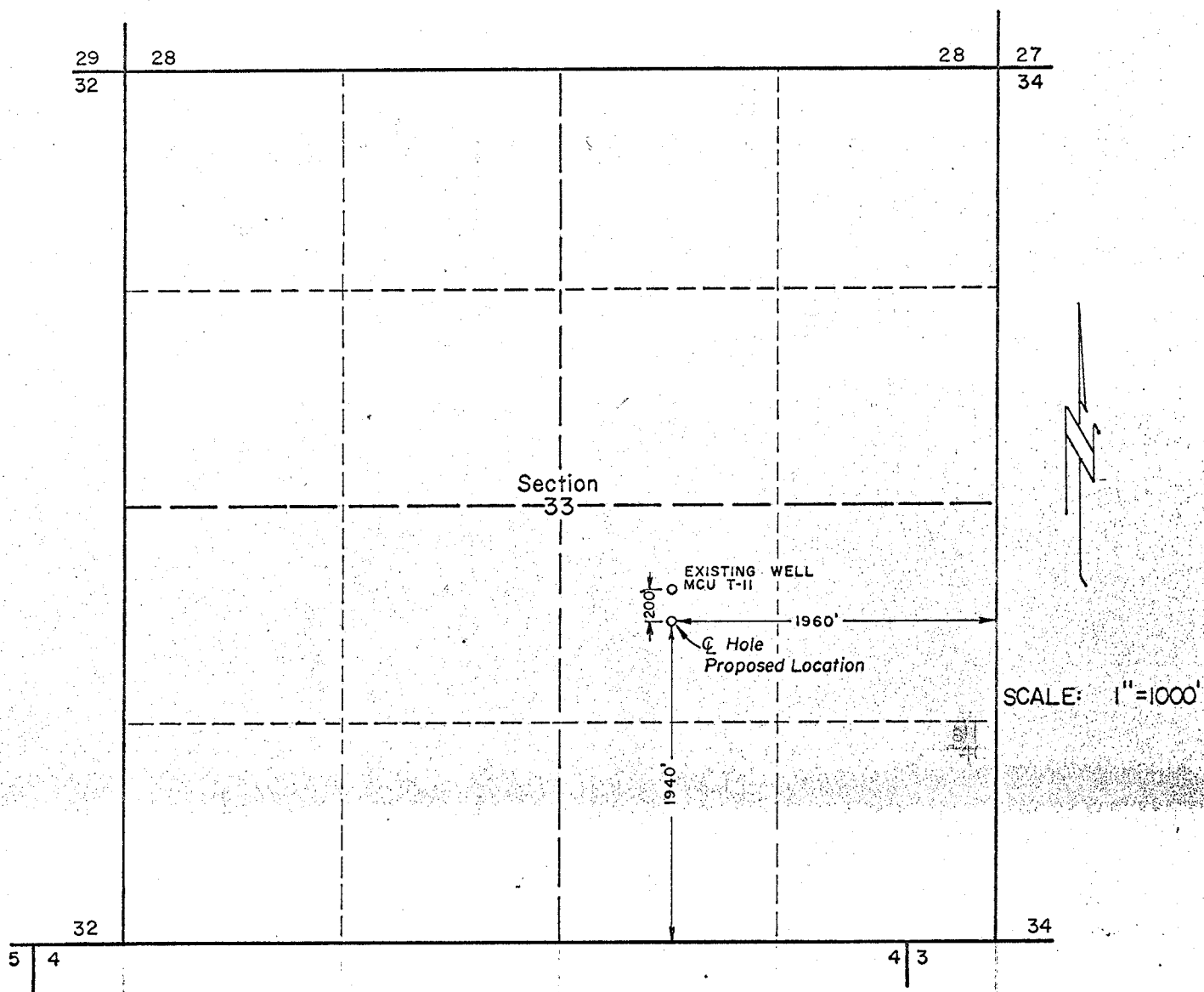


D. D. Kingman

DDK/nh
Attach. (2)

File

1972-1-12



WELL LOCATION: 'McElmo Creek Unit' T-12

Located 1940 feet North of the South line and 1960' feet West of the East line of Section 33,
 Township 40 South, Range 25 East, Salt Lake Base & Meridian.
 San Juan Co., Utah
 Existing ground elevation determined at 4950' feet based on adjoining well locations.

THE SUPERIOR OIL CO.

WELL LOCATION PLAT
 Sec.33, T.40 S., R.25 E.
 San Juan Co., Utah

CORTEZ DISTRICT
 ENGINEERING DEPT.

JAN. 10, 1972

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR The Superior Oil Company						5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2057	
3. ADDRESS OF OPERATOR P. O. Dr. 'G', Cortez, Colorado 81321						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1940' FSL & 1960' FEL At top prod. interval reported below Same At total depth Same						7. UNIT AGREEMENT NAME McElmo Creek	
14. PERMIT NO. 43-037-30074						9. WELL NO. #T-12	
DATE ISSUED 1/10/72						10. FIELD AND POOL, OR WILDCAT McElmo Creek	
15. DATE STUDDED 1/21/72						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33, T40S, R25E	
16. DATE T.D. REACHED 2/7/72						12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 2/27/72						13. STATE Utah	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4950' KB						19. ELEV. CASINGHEAD 4938'	
20. TOTAL DEPTH, MD & TVD 5935'		21. PLUG, BACK T.D., MD & TVD 5910' PBDT		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0-5935'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Desert Creek 5740'-5933'✓						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron, Dual Induction Laterolog						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
10-3/4"		40.5 & 32.75		1728'		13-3/4"	
7"		20# & 23#		5935'		8-3/4"	
						CEMENTING RECORD	
						860 Sacks - Circ to surface.	
						275 Sacks	
						AMOUNT PULLED	
						0	
						0	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-7/8"		5600'					
31. PERFORATION RECORD (Interval, size and number)							
4 holes per foot: 5700-04'							
1 hole per foot: 5748, 5757, 5765, 5776, 5782, 5800, 5808, 5816, 5823, 5831, 5862, 5864, 5873'.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
5700-04'				Squeezed w/100 sacks.			
5862-73'				2,000 gal 28% HCl			
5748-5831'				16,000 gal 28% HCl			
33.* PRODUCTION							
DATE FIRST PRODUCTION 2/27/72		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 200 HP Submersible Reda				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3/4/72		HOURS TESTED 24		CHOKE SIZE Pump		PROD'N. FOR TEST PERIOD OIL—BBL. 1342	
FLOW. TUBING PRESS. 110		CASING PRESSURE 110		CALCULATED 24-HOUR RATE 1342		GAS—MCF. 565	
						WATER—BBL. 2285	
						OIL GRAVITY-API (CORR.) 40°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS 2 copies of logs.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							

SIGNED

D. D. Kingman

TITLE

District Engineer

DATE

3/10/72

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
Ismay	5596'	5724'	Oil & Salt Water	De Chelly	2866'
Desert Creek	5740'	5933'	Oil & Injected Water	Organ Rock	2959'
			No fresh water flows encountered.	Hermosa	4768'
				Ismay	5596'
				Gothic Shale	5724'
				Desert Creek	5740'
				T.D.	5933'
				Schlumberger	

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number McELMO CREEK UNIT #T-12
Operator THE SUPERIOR OIL COMPANY Address P. O. DR. 'G', COLO. Phone 565-3733
Contractor MESA DRILLERS Address FARMINGTON, N. MEX. Phone _____
Location NW 1/4 SE 1/4 Sec. 33 T. 40 N. R. 25 E, SAN JUAN County, Utah
S W

Water Sands:

<u>Depth</u>	<u>Volume</u>	<u>Quality</u>	
From:	To:	Flow Rate or Head:	Fresh or Salty:
1.			
2.	NO WATER FLOW ENCOUNTERED.		
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of Form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2057	
2. NAME OF OPERATOR The Superior Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Dr. 'G', Cortez, Colorado 81321		7. UNIT AGREEMENT NAME McElmo Creek	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1940' FSL & 1960' FEL		8. FARM OR LEASE NAME	
14. PERMIT NO. 43-037-30074		9. WELL NO. #T-12	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4950' KB		10. FIELD AND POOL, OR WILDCAT McElmo Creek	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T40S, R25E	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	Completion <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 13-3/4" hole to 1728', set 10-3/4", 40.5# and 32.75# casing at 1728' with 800 sacks cement circulated to surface, good cement returns. Cement fell back in annulus, cemented with 60 sacks down annulus. Drilled 8-3/4" hole to 5935' TD. Set 7" 20# and 23# K-55 casing at 5935' with 275 sacks. Lynes external casing packer at 5848'. PBTD 5907'. Perforated 5700-04' with 4 jets per foot and acidized with 500 gal 28% acid then squeezed with 100 sacks Class 'C' cement, 38 sacks through perfs. Drilled out cement to 5907' PBTD. Perforated with 1 jet per foot 5862', 5864', 5873'. Treated perfs 5862-5873' with 2000 gal 28% acid. Swabbed 258 bbl fluid in 8 hrs, cut 92% water. Perforated with 1 jet per foot 5748', 5757', 5765', 5776', 5782', 5800', 5808', 5816', 5823', 5831'. Set bridge plug at 5851'. Treated perfs 5748-5831' with 16,000 gal 28% acid. Swabbed 140 bbl fluid in 6 hrs. Cut 75%-80% water. Ran 200 HP Reda pump to 5600' on 2-7/8" tubing. Well completed 2/27/72.

3/4/72 - Pumped 1342 bbl oil and 2285 bbl water in 24 hours.

18. I hereby certify that the foregoing is true and correct

SIGNED

D. D. Kingman

TITLE

District Engineer

DATE

4/11/72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DDK/nh

cc: State, USGS, Franques, Broussard, Hurlbut, File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas well ☐ other ☐
2. NAME OF OPERATOR
SUPERIOR OIL COMPANY
3. ADDRESS OF OPERATOR
P.O. DRAWER "G", CORTEZ, COLORADO 81321
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1940' FSL, 1960' FEL, SEC. 33
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Received verbal approval from Richard Bell on 1-6-82 to perform the following:

1. RU workover rig.
2. POH w/ 3-1/2" tubing and submersible pump.
3. Run GR-CCL from 5850-4000'. Perforate w/ 4" select fire casing gun from 5744' to 5825' (15 holes).
4. Acidize perfs (5744'-5831') w/ 5000 gals 28% HCL + 2500# rock salt and benzoic acid flakes.

Orig + 5 - USGS, State - 2, Navajo Tribe - 1, Reg. Group, Files

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merrion TITLE Petroleum Engineer DATE 1-6-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side

DATE: 1/20/82
BY: CB Ferguson

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P.O. Drawer 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1940' FSL, 1960' FEL, SEC. 33
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF

☐
☐
☒
☐
☐
☐
☐
☐
☐

RECEIVED

DEC 23 1982

NOTE: Report results of multiple completion or zone change on Form 9-330.)

**DIVISION OF
OIL, GAS & MINING**

5. LEASE
14-20-603-2057

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME
McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.
#T-12

10. FIELD OR WILDCAT NAME
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 33, T40S, R25E

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
GL: 4938', KB: 4950'

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1-4-82: MIRU.
1-5-82: POH w/ tbg & submersible pump. Ran GR-CCL log from 5500'-5850'.
1-7-82: Perf'd from 5744'-5825' (15 holes) in Desert Creek I. RIH w/ pkr & tbg.
1-8-82: Acidized DCI perfs (5744'-5831' O/A) w/ 5000 gals 28% HCL. Swabbed.
1-9-82: Swabbed. POH w/ tbg & pkr.
1-11-82: RIH w/ production equipment. RDMO.

Orig + 5 - MMS, State - 2, Navajo Tribe, Reg. Group, Joint Interest, Files - H,D,C

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Morrison TITLE Production Engineer DATE 12-14-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217

January 14, 1985

Utah Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Dianne Nielson, Director

RECEIVED

FEB 0

DIVISION OF OIL
GAS & MINING

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

As a result of the merger which became effective on September 28, 1984, The Superior Oil Companies ("Superior") is now a wholly owned subsidiary of Mobil Corporation.

Effective January 1, 1985, Mobil Oil Corporation began acting on behalf of the Superior Oil Companies as service contractor for the purpose of performing comprehensive business management and related administrative services. To this end, Superior has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:

PERMITS ONLY

Mobil Oil Corporation
P.O. Box 5444
Denver, Colorado 80217-5444
Attention: R. D. Baker

(303) 298-2577

RON

Enclosed is a list of all Superior wells. This list includes the well names, locations, API numbers and producing zone (if applicable).

We appreciate your consideration and cooperation. If you have any questions, please direct them to the undersigned.

Very truly yours,

R. D. Baker

R. D. Baker
Environmental & Regulatory Manager - West

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPI
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2057
2. NAME OF OPERATOR MOBIL OIL CORP AS AGENT OF SUPERIOR OIL		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, CO 81321		7. UNIT AGREEMENT NAME MCELMO CREEK
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1940' FSL, 1960' FEL		8. FARM OR LEASE NAME "
14. PERMIT NO. 4303730074 DSCR		9. WELL NO. T-12
15. ELEVATIONS (Show whether DF, RT, or DIVISION OF OIL GAS & MINING) DF: 4949'		10. FIELD AND POOL, OR WILDCAT GREATER ANETH
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 33, T40S, R25E
		12. COUNTY OR PARISH SAN JUAN
		13. STATE UTAH

RECEIVED

DEC 30 1985

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	PLUG BACK		XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)		

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. MIRU workover rig. ND wellhead. NU and test BOP's. POOH w/ Reda 290 stage D1350 submersible pump and tubing.
2. Run bit and 7" casing scraper to PBTD of 5851' (Top of RBP). POOH.
3. RIH w/ retrieving tool and recover BP.
4. Set CIRP on wireline @ 5795'+.
5. RIH w/ tbg and pkr. Set pkr @ 5720'+.
6. Swab perforations to establish rate. POOH.
7. Based on results of swab test, run rod pump equipment as directed by Operations Engineering. RDMO. Install beam unit and return well to production.

18. I hereby certify that the foregoing is true and correct

SIGNED B. C. COLLINS

TITLE Sr Staff Op Engr

DATE 12/23/85

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2057
2. NAME OF OPERATOR MOBIL OIL CORPORATION	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, CO 81321	7. UNIT AGREEMENT NAME MCELMO CREEK
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1940' FSL, 1960' FEL	8. FARM OR LEASE NAME -
14. PERMIT NO. 4303730074 DSCR	9. WELL NO. T-12
15. ELEVATIONS (Show whether DF, RT, GR, etc.) DF: 4949'	10. FIELD AND POOL, OR WILDCAT GREATER ANETH
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 33, T40S, R25E
	12. COUNTY OR PARISH SAN JUAN
	13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PCLL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) PLUG BACK	<input checked="" type="checkbox"/>		

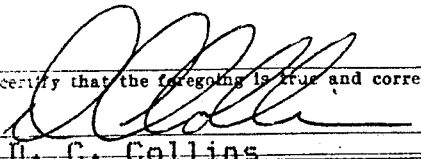
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

3-21-86 MIRU. Began to POOH w/ tbg and Reda equipment.
3-22-86 Fin POOH. RIH w/ bit and casing scraper to PBD. POOH.
RIH w/ tbg & retrieving head. Fished RBP. POOH.
3-23-86 SD for Sunday.
3-24-86 RIH w/ CIBP and pkr. Set plug @ 5792', pkr @ 5715'.
Swabbed 7 hrs rec 160 bbls, 0 oil. FL @ 4000'.
3-25-86 Swabbed 9 hrs rec 190 bbls, 0 oil. FL @ 4000'. POOH w/
tbg and pkr.
3-26-86 RIH w/ production equip and placed well on production.

18. I hereby certify that the foregoing is true and correct

SIGNED


D. C. Collins

TITLE Sr Staff Op Engr

DATE 4.10.86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ROUTING/ACTION FORM

4-16-86

SEQ	NAME	ACTION	INITIAL
	NORM		
2	TAMI	3A IF ZONE CHANGE	J
	VICKY		
1	CLAUDIA	12, 1-IF ZONE CHANGE No zone chg	G
	STEPHANE		
	CHARLES		
3	RULA	2	Rm
	MARY ALICE		
	CONNIE		
	MILLIE		
	RON		
	JOHN		
	GIL		
4	PAM	4	pk

NOTES:

ACTION CODE

1. DATA ENTER
2. FILM
3. POST
a. CARD FILE
b. FILE LABEL
c. LISTS
4. FILE
5. RELOCATE FILE OR CARD
6. DECISION
7. PREPARE LETTER
12. OTHER - SEE NOTES

PLUG BACK. CHECK
TO DETERMINE IF ALSO
A ZONE CHANGE.

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)
 FOR THE CORTEZ SUPERVISOR AREA
 FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWN	SH	RNG	WELL TYPE	ST T	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	R-21	SAN JUAN	UT	NW	NW	16-41S-25E		INJ	OP	43-037-16374	14-20-603-359		96-004190
	R-22	SAN JUAN	UT	SW	NW	16-41S-25E		PROD	SI	43-037-30461	14-20-603-359		96-004190
	R-23	SAN JUAN	UT	NW	SW	16-41S-25E		INJ	OP	43-037-15977	14-20-603-359		96-004190
	R15	SAN JUAN	UT	NW	SW	04-41S-25E		INJ	OP	43-037-05670	14-20-603-2057		96-004190
	R15-1	SAN JUAN	UT	NW	SW	04-41S-25E		INJ	SI	43-037-05670	14-20-603-2057		96-004190
	S-05	SAN JUAN	UT	NE	NW	28-40S-25E		PROD	OP	43-037-15330	14-20-603-2048-A		96-004190
	S-07	SAN JUAN	UT	NE	SW	28-40S-25E		PROD	SI	43-037-15331	14-20-603-2048-A		96-004190
	S-08	SAN JUAN	UT	NE	NW	33-40S-25E		PROD	OP	43-037-30457	14-20-603-2057		96-004190
	S-10	SAN JUAN	UT	SE	NW	33-40S-25E		INJ	OP	43-037-05757	14-20-603-2057		96-004190
	S-11	SAN JUAN	UT	NE	SW	33-40S-25E		PROD	SI	43-037-30452	14-20-603-2057		96-004190
	S-12	SAN JUAN	UT	SE	SW	33-40S-25E		INJ	OP	43-037-16150	14-20-603-2057		96-004190
	S-13	SAN JUAN	UT	NE	NW	04-41S-25E		PROD	OP	43-037-30453	14-20-603-2057		96-004190
	S-14	SAN JUAN	UT	SE	NW	04-41S-25E		INJ	OP	43-037-16151	14-20-603-2057		96-004190
	S-15	SAN JUAN	UT	NE	SW	04-41S-25E		PROD	OP	43-037-30632	14-20-603-2057		96-004190
	S-16	SAN JUAN	UT	SE	SW	04-41S-25E		PROD	OP	43-037-16152	14-20-603-2057		96-004190
	S-17	SAN JUAN	UT	NE	NW	09-41S-25E		PROD	OP	43-037-30779	14-20-603-359		96-004190
	S-18	SAN JUAN	UT	SE	NW	09-41S-25E		PROD	OP	43-037-15978	14-20-603-359		96-004190
	S-19	SAN JUAN	UT	NE	SW	09-41S-25E		PROD	OP	43-037-30780	14-20-603-359		96-004190
	S-20	SAN JUAN	UT	SE	SW	09-41S-25E		PROD	OP	43-037-15979	14-20-603-359		96-004190
	S-21	SAN JUAN	UT	NE	NW	16-41S-25E		PROD	OP	43-037-30398	14-20-603-359		96-004190
	S-22	SAN JUAN	UT	SE	NW	16-41S-25E		PROD	SI	43-037-15980	14-20-603-359		96-004190
	T-04	SAN JUAN	UT	SW	SE	21-40S-25E		PROD	SI	43-037-16376	14-20-603-2048-A		96-004190
	T-06	SAN JUAN	UT	SW	NE	28-40S-25E		PROD	OP	43-037-15332	14-20-603-2048-A		96-004190
	T-08	SAN JUAN	UT	SW	SE	28-40S-25E		INJ	OP	43-037-05793	14-20-603-2048-A		96-004190
	T-09	SAN JUAN	UT	NW	NE	33-40S-25E		PROD	SI	43-037-05772	14-20-603-2057		96-004190
	T-09A	SAN JUAN	UT	NW	NE	33-40S-25E		PROD	OP	43-037-30080	14-20-603-2057		96-004190
	T-10	SAN JUAN	UT	SW	NE	33-40S-25E		PROD	OP	43-037-30460	14-20-603-2057		96-004190
	T-11	SAN JUAN	UT	NW	SE	33-40S-25E		PROD	OP	43-037-16154	14-20-603-2057		96-004190
	T-12	SAN JUAN	UT	NW	SE	33-40S-25E		PROD	OP	43-037-30074	14-20-603-2057		96-004190
	T-12A	SAN JUAN	UT	SW	SE	33-40S-25E		PROD	OP	43-037-30401	14-20-603-2057		96-004190

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2057
2. NAME OF OPERATOR MOBIL OIL CORP. AS AGENT FOR MOPNA	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, CO 81321	7. UNIT AGREEMENT NAME MCCLMO CREEK
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1940' FSL, 1960' FEL	8. FARM OR LEASE NAME -
14. PERMIT NO.	9. WELL NO. T-12
15. ELEVATIONS (Show whether DF, RT, GR, etc.) DF: 4949'	10. FIELD AND POOL, OR WILDCAT GREATER ANETH
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 33, T40S, R25E
	12. COUNTY OR PARISH SAN JUAN
	13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	DRILL OUT PLUG <input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. MIRU. POOH w/ tbq and Reda equipment.
2. RIH w/ sand line drill. Knock out CIBP at 5792'. POOH. RIH w/ bit and 7" casing scraper. CO to 5875'±. POOH.
3. Set CIBP at 5850'±.
4. RIH w/ Reda Equipment and return well to production.

RECEIVED
JUN 16 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED D. C. Collins TITLE Sr Staff Op Engr DATE 6/13/86
(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE 6-23-86
BY John R. Bays

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
very side)
080418

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2057	
2. NAME OF OPERATOR MOBIL OIL CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, CO 81321		7. UNIT AGREEMENT NAME MCCELMO CREEK	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1940' FSL, 1960 FEL		8. FARM OR LEASE NAME -	
14. PERMIT NO. 43.037.30074		9. WELL NO. T-12	
15. ELEVATIONS (Show whether DF, ST, CR, etc.) DF: 4949'		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 33, T40S, R25E	
		12. COUNTY OR PARISH SAN JUAN	
		13. STATE UTAH	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> DRILL OUT PLUG	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

06/19/86 MIRU. POOH w/ Reda equipment. Knocked out CIBP @ 5792' w/ sandline drill.
06/20/86 Set CIBP @ 5848' w/ wire line. Shut down.
06/21/86 SD for weekend.
06/22/86 SD for weekend.
06/23/86 RIH w/ new Reda equipment and placed well on production.

RECEIVED

JUL 31 1986

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED G. E. COLLINS

TITLE Sr Staff Op Engr

DATE 7/25/86

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Mobil Exploration & Producing U.S. Inc.

P.O. BOX 5444
DENVER, COLORADO 80217-5444

1/11/90

Certified Mail Return Receipt Requested

RECEIVED
JAN 19 1990

DIVISION OF
OIL, GAS & MINING

Mail List One Parties

UNDERGROUND INJECTION CONTROL
USEPA PERMIT APPLICATION
MC ELMO CREEK T-09A
SECTION 33, T40S, R25E
MC ELMO CREEK T-12
SECTION 33, T40S, R25E
ANETH FIELD
SAN JUAN CO, UTAH

Gentlemen:

Mobil Oil Corporation has applied for a United States Environmental Protection Agency permit for the above referenced well to be used as an enhanced recovery injection well in the Mc Elmo Creek Unit located in the Aneth Field in San Juan CO, Utah.

The surface in the one half mile investigation area is owned by the Navajo Nation and there are no domestic residences in this area.

The maximum anticipated injection rate is to be 2000 barrels of water or carbon dioxide a day that will be injected into the Paradox Formation at an approximate depth of 5800'. The maximum injection pressure is estimated to be 3280 pounds per square inch gage. The purpose of converting this existing well is to recover additional oil from this field.

An opportunity to comment on the application will be announced after the USEPA has prepared a draft permit. The USEPA contact person for the application is Mr. Tom Pike, Chief UIC Implementation Section, United States Environmental Protection Agency, Region VIII, 999 18th Street, Suite 500, Denver, Colorado, 80202-2405,

Very truly yours,



B. R. Maynard
Regulatory Compliance Manager

NOTICE OF INTENT TO CONSTRUCT
MC ELMO CREEK UNIT T-12
SECTION 33, T40S, R25E
MC ELMO CREEK UNIT T-09A
SECTION 33, T40S, R25E
SAN JUAN CO, UTAH

MAIL LIST ONE

THE NAVAJO NATION
NAVAJO ENVIRONMENTAL PROTECTION ADMINISTRATION
P O BOX 308
WINDOW ROCK, AZ 86515
ATT: RAYMOND ROESSEL, PROGRAM MANAGER APPLICATION

THE NAVAJO NATION
UTAH LANDS OFFICE
P O BOX 410
MONTEZUMA CREEK, UT 84534
ATT: LORRAINE C. THOMAS, RIGHT OF WAY AGENT LETTER

BUREAU OF INDIAN AFFAIRS NAVAJO TRIBE
PO BOX 146
WINDOW ROCK, AZ 86515 LETTER

BUREAU OF LAND MANAGEMENT (NTL-2B)
1235 LA PLATA HWY
FARMINGTON, NM 87401
ATT: RON FELLOWS, AREA MANAGER APPLICATION

UTAH BOARD OF OIL GAS AND MINING
355 WEST NORTH TEMPLE
3 TRIAD CENTER SUITE 350
SALT LAKE CITY, UT 84180
ATT: GIL HUNT, UIC PROGRAM MANAGER APPLICATION

4 UIC	EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND INJECTION CONTROL PERMIT APPLICATION <i>(Collected under the authority of the Safe Drinking Water Act, Sections 1421, 1422, 40 CFR 144)</i>	1. EPA ID NUMBER	
			T/A	C

READ ATTACHED INSTRUCTIONS BEFORE STARTING
FOR OFFICIAL USE ONLY

Application approved mo day year	Date Received mo day year	Permit/Well Number	Comments

II. FACILITY NAME AND ADDRESS **III. OWNER/OPERATOR AND ADDRESS**

Facility Name McElmo Creek Unit T-09A			Owner/Operator Name Mobil Oil Corporation		
Street Address (same as Operator)			Street Address P.O. Box 5444		
City	State	ZIP Code	City	State	ZIP Code
			Denver	CO	80217

IV. OWNERSHIP STATUS (Mark 'x') **V. SIC CODES**

<input type="checkbox"/> A. Federal	<input type="checkbox"/> B. State	<input type="checkbox"/> C. Private	
<input type="checkbox"/> D. Public	<input checked="" type="checkbox"/> E. Other (Explain) Corporation		

VI. WELL STATUS (Mark 'x')

<input type="checkbox"/> A. Operating	Date Started mo day year	<input checked="" type="checkbox"/> B. Modification/Conversion	<input type="checkbox"/> C. Proposed
---------------------------------------	-----------------------------	--	--------------------------------------

VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)

<input type="checkbox"/> A. Individual	<input checked="" type="checkbox"/> B. Area	Number of Existing wells One	Number of Proposed wells	Name(s) of field(s) or project(s) Greater Aneth Field
--	---	---------------------------------	--------------------------	--

VIII. CLASS AND TYPE OF WELL (see reverse)

A. Class(es) (enter code(s))	B. Type(s) (enter code(s))	C. If class is "other" or type is code "x," explain	D. Number of wells per type (if area permit)
II	R		

IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT **X. INDIAN LANDS (Mark 'x')**

A. Latitude			B. Longitude			Township and Range														
Deg	Min	Sec	Deg	Min	Sec	Twp	Range	Sec	1/4 Sec	Feet from	Line	Feet from	Line	Feet from	Line	Feet from	Line	Feet from	Line	
1						40S	25E	33	NE	940	N	2035	E							

XI. ATTACHMENTS


(Complete the following questions on a separate sheet(s) and number accordingly; see instructions)

FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A — U (pg 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application: It is requested that all application data and completion information on this well be held confidential as allowed by EPA rules.

XII. CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

A. Name and Title (Type or Print) Regulatory Compliance Manager B.R. Maynard	B. Phone No. (Area Code and No.) 303/298-2069
C. Signature <i>B. R. Maynard</i>	D. Date Signed 1-11-90

4 UIC		UNITED STATES ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND INJECTION CONTROL PERMIT APPLICATION <i>(Collected under the authority of the Safe Drinking Water Act, Sections 1421, 1422, 40 CFR 144)</i>		I. EPA ID NUMBER _____	
				T/A C _____	

**READ ATTACHED INSTRUCTIONS BEFORE STARTING
FOR OFFICIAL USE ONLY**

Application approved mo day year	Date Received mo day year	Permit/Well Number	Comments

II. FACILITY NAME AND ADDRESS			III. OWNER/OPERATOR AND ADDRESS		
Facility Name McElmo Creek Unit #T-12			Owner/Operator Name Mobil Oil Corporation		
Street Address (same as Operator)			Street Address P.O. Box 5444		
City	State	ZIP Code	City	State	ZIP Code
			Denver	CO	80217

IV. OWNERSHIP STATUS (Mark 'x')			V. SIC CODES		
<input type="checkbox"/> A. Federal <input type="checkbox"/> B. State <input type="checkbox"/> C. Private <input type="checkbox"/> D. Public <input checked="" type="checkbox"/> E. Other (Explain) Corporation					

VI. WELL STATUS (Mark 'x')		
<input type="checkbox"/> A. Operating <input checked="" type="checkbox"/> B. Modification/Conversion <input type="checkbox"/> C. Proposed	Date Started mo day year	


VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)			
<input type="checkbox"/> A. Individual <input checked="" type="checkbox"/> B. Area	Number of Existing wells	Number of Proposed wells	Name(s) of field(s) or project(s)
		One	Greater Aneth Field

VIII. CLASS AND TYPE OF WELL (see reverse)			
A. Class(es) (enter code(s))	B. Type(s) (enter code(s))	C. If class is "other" or type is code "x," explain	D. Number of wells per type (if area permit)
II	R		

IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT										X. INDIAN LANDS (Mark 'x')				
A. Latitude			B. Longitude			Township and Range								
Deg	Min	Sec	Deg	Min	Sec	Twsp	Range	Sec	1/4 Sec	Feet from	Line	Feet from	Line	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1						40S	25E	33	SE	1940	S	1960	E	

XI. ATTACHMENTS	
(Complete the following questions on a separate sheet(s) and number accordingly; see instructions) FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A — U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application: It is requested that all application data and completion information on this well be held confidential as allowed by EPA rules.	

XII. CERTIFICATION	
I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)	

A. Name and Title (Type or Print)		B. Phone No. (Area Code and No.)	
Regulatory Compliance Manager B.R. Maynard		303/298-2069	
C. Signature		D. Date Signed	
		1-11-90	

APPLICATION FOR CONVERSION
FROM PRODUCER
TO WATER/CO2 INJECTOR
McELMO CREEK UNIT #T-09A & T-12
SAN JUAN COUNTY, UTAH

Mobil Oil Corporation proposes to convert the subject wells to water alternating CO2 injection wells for a water-alternating-gas (WAG) injection program. The following is supplemental information to EPA Form 7520-6 (2-84), "Underground Injection Control Permit Application.

- A. Attached Exhibit 1 is a map depicting the radius of review for this application. All wells within 1/2 mile radius of the permit area either inject into or produce from the proposed injection interval. No remedial repair work is required on these wells. Wellbore sketches for each well are attached (Exhibit 2a-2u). An on site investigation of the 1/2 mile radius area revealed no human habitation or active water sources such as springs or water wells.
- B. Exhibit 3 is a topographic map showing well locations in the radius of review as well as surface water bodies.
- C. The attached wellbore diagrams show the location, type, date completed, and mechanical configuration of wells within the radius of review. Exhibit 4 is a plugging and abandonment plan for wells T-12 & T-09A submitted on EPA Forms 7520-14.
- D. A typical McElmo Creek Unit injection well is depicted in Exhibit 5. As per this diagram, the average depth to the base of fresh water zones in the McElmo Creek Unit is 1200' with relatively little deviation. All injection and production wells have sufficient cement to prevent communication of injection fluid into the fresh water zones.
- E. The names and average depth to the bottom of each of the fresh water zones is shown in Exhibit 5. Drinking water sources should not be affected by injection operations.
- F&G. A type log for the McElmo Creek Unit is shown in Exhibit 6. The major production/injection horizon is the Desert Creek Lime found at a depth of approximately 5750 feet and the minor producing horizon is the overlaying Ismay Lime. Both of these producing/injection formations are reef members of the Paradox Formation of Pennsylvania Age, as shown in the cross-section in Exhibit 7. In general, the Upper Desert Creek Zone I is composed of well-cemented oolitic limestone with oolmoldic and intercrystalline porosity and has been subdivided into Zone IA, Zone IB, and Zone W. The Lower Desert Creek Zone II is composed of algal plate limestone with vugular and interparticle porosity. The Lower Desert Creek Zone II is a low quality rock of minor importance. The Ismay Zone is similar in composition to Desert

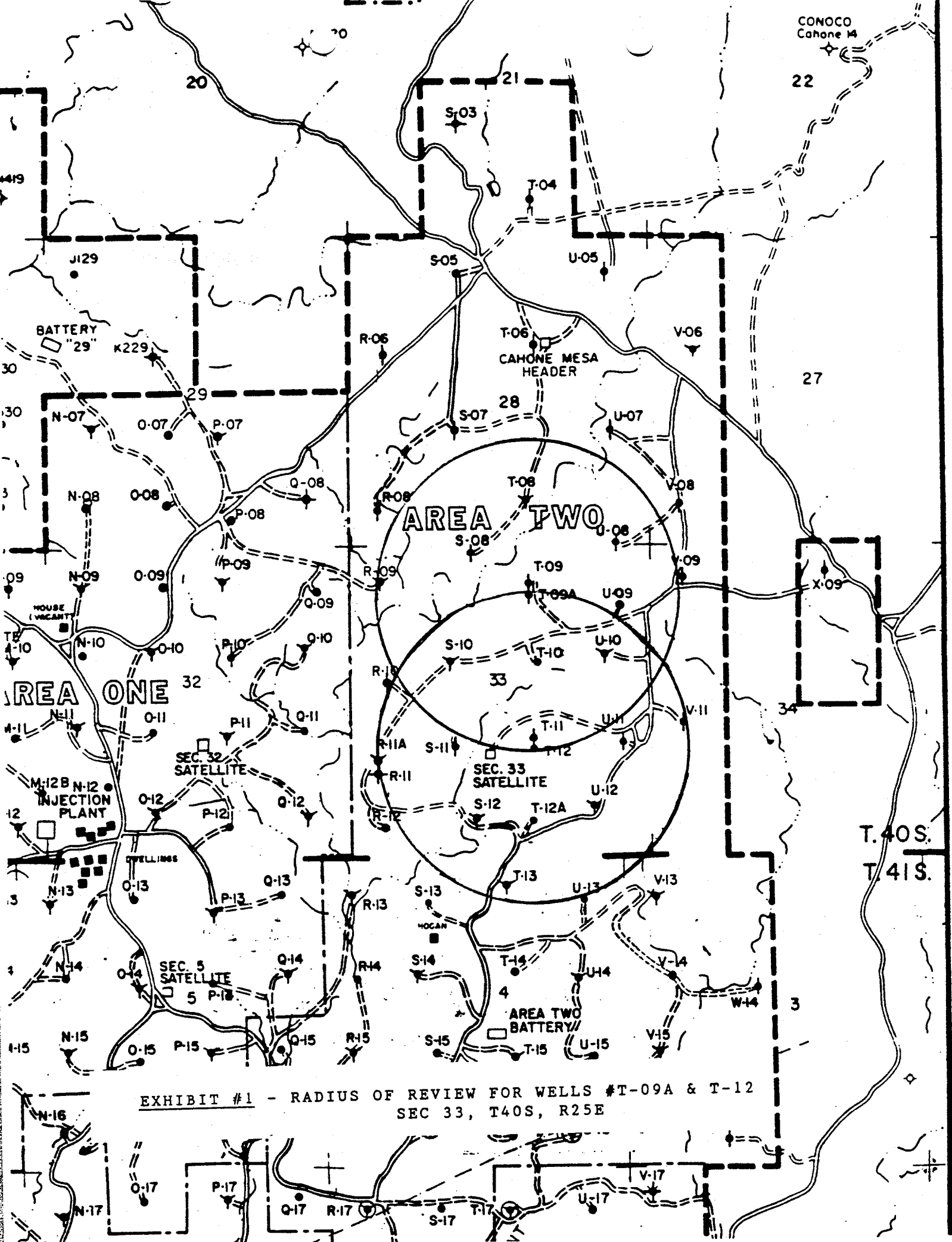
Creek Zone II but is not as continuous. The average bottom-hole fracture pressure in McElmo Creek Unit in these target zones is 5292 psig. Inhibited fresh water will be used to protect the casing/ tubing annulus from corrosion, and provide backup hydrostatic pressure to support the tubing injection pressure. An analysis of the packer fluid typically used is shown in Exhibit 8.

- H. Injection operations will be based on a WAG program with produced and supplemental fresh waters and CO₂ as injection fluids. The daily average injection rate is 800 BFPD with an average surface injection pressure of 2850 psig. The maximum daily injection rate is 2500 BFPD with a maximum surface injection pressure of 3280 psig. The annular packer fluid will be an inhibited fresh water based fluid (See exhibit #8 for detailed analysis).
- I. The testing program for these wells will consist of periodic radioactive tracer profiles and automatic tubing/casing annulus pressure monitoring.
- J. If near-wellbore and/or formation damage becomes apparent prior to commencing or during conversion work, a remedial acid or solvent cleanup will be designed to target specific negative wellbore conditions.
- K. Produced water and supplemental fresh water, after filtering and treating, enter a centralized water injection plant where it is pumped into a water distribution system to the meter skid on the injection well locations. Similarly, CO₂ is distributed through a compressor and separate distribution system to the meter skids. The wells are then "WAGged" at the well locations to obtain the optimum water and CO₂ injection volumes and ratios.
- L. The wellbore diagrams shown in Exhibit 2e & 2i depict the existing wellbore configurations for the subject wells. Exhibit 5 shows the proposed general wellbore configurations.
- M. Addressed in item "L".
- N. N/A
- O. All wells will have adequate cement to isolate injection fluid from fresh water sources.
- P. The injection tubing/casing annulus pressure will be monitored on the subject wells. Upon detecting a possible mechanical failure, indicated by an increase in the annulus pressure, the wells will be immediately scheduled for remedial work.
- Q. Attached Exhibit 4 outlines a plugging and abandonment plan designed specifically for the subject wells.
- R. Attached Exhibit 10 includes financial and corporate information for Mobil Oil Corporation.

S. N/A

T. Exhibit 9a & 9b is a copy of the Sundry Notices that will be submitted to the Bureau of Land Management to obtain approval on the conversion package for wells T-12 & T-09A.

U. Included in R.



30-
60-
90-
120-
150-

1280-

1360-

1440-

1520-

1600-

4960-

5020-

5080-

5140-

5200-

5737-

5774-

5811-

5848-

5886-

WELL: R-09 -KB:10.0 DATE: 59/8/3

0.0 - 97.0 - Cement : 175 sacks class G

0.0 - 97.0 - Casing Diam: 13.375 : J-55 48.00ppf Round Short

EXHIBIT #2a

WATER INJECTION WELL #R-09

500' FNL, 625' FWL

SEC 33, T40S, R25E

0.0 - 1508.0 - Cement : 1100 sacks class G SAN JUAN COUNTY, UTAH

0.0 - 1508.0 - Casing Diam: 8.625 : J-55 24.00ppf Round Short

0.0 - 5731.0 - : Upset J-55 4.70ppf

5731.0 - 5735.0 - Packer : Baker Baker Lok-Set Packer

5820.0 - 5825.0 - Perforation : 2.0 spf Jet Desert Creek I

5810.0 - 5813.0 - Perforation : 2.0 spf Jet Desert Creek I

5772.0 - 5792.0 - Perforation : 2.0 spf Jet Desert Creek I

5772.0 - 5825.0 - Treatment : 2/87: Acidized w/2000 Gal 28% HCL

5706.0 - 5806.0 - Perforation : 2.0 spf Jet Desert Creek I

5772.0 - 5825.0 - Trouble : 9/66: Squeezed all Perfs & Reperfed

5772.0 - 5825.0 - Treatment : 9/66: Acidized w/8000 Gal 28% HCL

5829.0 - 5835.0 - Trouble : Junk In Hole

5835.0 - 5886.0 - Cement Plug : PBTD

5772.0 - 5884.0 - Treatment : 8/59: Acidized w/6500 Gal 15% HCL

5007.0 - 5885.0 - Cement : 250 sacks class G

0.0 - 5885.0 - Production Casing Diam: 4.500 : J-55 9.50ppf Round Short

WELL: S-08 -KB: 12.0 DATE: 79/1/22

EXHIBIT #2b

PRODUCTION WELL #S-08
138' FNL, 2169' FWL
SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 1723.0 - Cement : 900 sacks class G

0.0 - 1723.0 - Casing Diam: 8.625 : K-55 24.00ppf Round Short

360-

720-

1080-

1440-

1800-

4450-

4500-

4550-

4600-

4650-

5667-

5735-

5803-

5871-

5939-

5688.0 - 5700.0 - Bridge Plug : CIBP

5720.0 - 5742.0 - Treatment : 1/79: Acidize w/ 6,000 Gal 28% HCl
5720.0 - 5742.0 - Perforation : 1.0 spf Jet Ismay

5780.0 - 5792.0 - Bridge Plug : CIBP

5807.0 - 5840.0 - Perforation : 0.1 spf Jet Desert Creek I

5846.0 - 5897.0 - Perforation : 0.1 spf Jet Desert Creek II
5807.0 - 5897.0 - Treatment : 1/79: Acidize w/ 6,000 Gal 28% HCl

4474.0 - 5939.0 - Cement : 250 sacks class G

0.0 - 5939.0 - Production Casing Diam: 5.500 : K-55 15.50ppf Round Short

WELLS-10 -KB:9.0 DATE: 59/2¹⁰³

EXHIBIT #2c

WATER INJECTION WELL #S-10
1980' FNL, 1980' FWL
SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

320-

640-

960-

1280-

1600-

3180-

3210-

3240-

3270-

3300-

0.0 - 1500.0 - Cement : 1050 sacks class G

0.0 - 1500.0 - Casing Diam: 8.625 : H-40 24.00ppf Round Short

5661-

0.0 - 5642.0 - : Upset J-55 6.50ppf

5642.0 - 5648.0 - Packer : Baker Baker R-3 Double Grip Packer

5722-

5783-

5844-

5906-

5886.0 - 5906.0 - Cement Plug : PBTD

5870.0 - 5876.0 - Perforation : 4.0 spf Jet Desert Creek II

5870.0 - 5876.0 - Treatment : 2/59: Acidized w/ 1,000 Gal 15% HCl

5840.0 - 5859.0 - Perforation : 4.0 spf Jet Desert Creek II

5754.0 - 5820.0 - Perforation : 4.0 spf Jet Desert Creek I

5830.0 - 5835.0 - Bridge Plug : CIBP

5754.0 - 5876.0 - Treatment : 11/77: Acidized w/ 4536 Gal 28% HCl

5754.0 - 5859.0 - Treatment : 2/59: Acidized w/ 8600 Gal 15% HCl

5754.0 - 5876.0 - Treatment : 1/74: Acidized w/ 2000 Gal 28% HCl

5754.0 - 5876.0 - Treatment : 12/82: Acidized w/ 10000 Gal 28% HCl

3205.0 - 5906.0 - Cement : 250 sacks class G

0.0 - 5906.0 - Production Casing Diam: 4.500 : K-55 9.50ppf Round Short

WELL: T-08 KB: 11.0 DATE: 79/ 20

EXHIBIT #2d

WATER INJECTION WELL #T-08
660' FSL, 1980' FEL
SEC 28, T40S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 159.0 - Cement : 200 sacks class G

0.0 - 159.0 - Casing Diam: 13.375 : H-40 48.00ppf

35-

70-

105-

140-

175-

3330-

3360-

3390-

3420-

3450-

5740-

5780-

5820-

5860-

5900-

5774.0 - 5778.0 - Packer : Baker Lok-set

0.0 - 5778.0 - Tubing Diam: 2.875 : Upset J-55 6.50ppf

5810.0 - 5818.0 - Perforation : 4.0 spf Jet

5822.0 - 5828.0 - Perforation : 4.0 spf Jet

5884.0 - 5900.0 - Cement Plug : PBTD

5870.0 - 5882.0 - Perforation : 4.0 spf Jet

5834.0 - 5865.0 - Perforation : 4.0 spf Jet

5810.0 - 5882.0 - Treatment : 9/77: 2000 gals 15% Fe acid

5810.0 - 5865.0 - Treatment : 7/79: Washed w/ 28% HCl acid

5810.0 - 5882.0 - Treatment : 4/59: Treated w/ 1500 gals MCA

5810.0 - 5882.0 - Treatment : 3/70: 1000 gals 15% Fe acid

3372.0 - 5900.0 - Cement : 400 sacks class G

0.0 - 5900.0 - Production Casing Diam: 5.500 : J-55 15.50ppf

WELL: T-09A - KB: 13.0 DATE: 7/28

EXHIBIT #2e

PRODUCTION WELL #T-09A
940' FNL, 2035' FEL
SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 1712.0 - Cement : 800 sacks class G

0.0 - 1712.0 - Casing Diam: 10.750 : H-40 40.50ppf Round Short

0.0 - 5616.0 - : Upset J-55 6.50ppf

5616.0 - 5640.0 - Pump : Redo Pump

5783.0 - 5787.0 - Treatment : 7/72: Acidized w/4500 Gal 28% HCL

5783.0 - 5807.0 - Perforation : 0.1 spf Jet Desert Creek I (Select Fire Shots)

5890.0 - 5920.0 - Cement Plug : PBTD

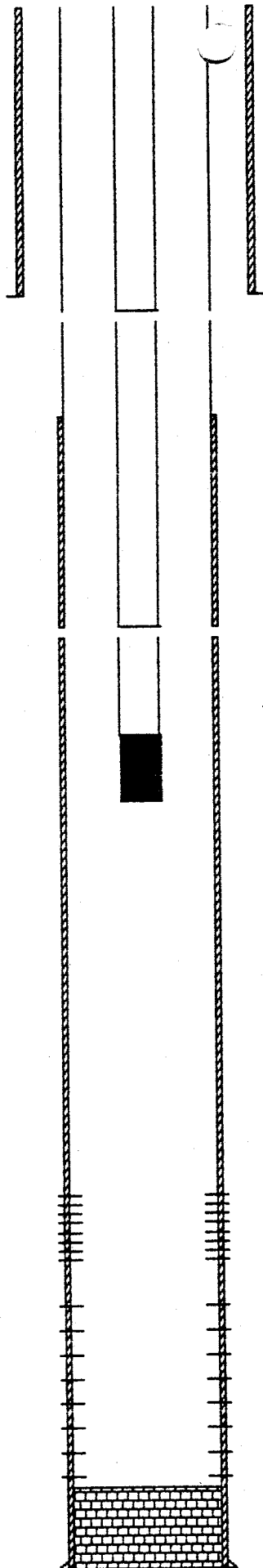
5824.0 - 5886.0 - Perforation : 0.1 spf Jet Desert Creek II (Select Fire Shots)

5824.0 - 5886.0 - Treatment : 7/72: Acidized w/12000 Gal 28% HCL

3862.0 - 5920.0 - Cement : 275 sacks class G

0.0 - 5920.0 - Production Casing Diam: 7.000 : K-55 23.00ppf Round Short

360-
720-
1080-
1440-
1800-
3840-
3880-
3920-
3960-
4000-
5648-
5716-
5784-
5852-
5920-



WELL: T-09 KB: 10.0 DATE: 59/ 1

EXHIBIT #2f

PRODUCTION WELL #T-09
790' FNL, 2035' FEL
SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 1504.0 - Cement : 1100 sacks class G

0.0 - 1504.0 - Casing Diam: 8.625 : J-55 24.00ppf Round Short

320-
640-
960-
1280-
1600-

4030-
4080-
4090-
4120-
4150-

5580-

5681-

5741-

5822-

5903-

5670.0 - 5675.0 - Bridge Plug : CIBP

5707.0 - 5720.0 - Treatment : 12/67: Acidized w/2000 Gal 28% HCL

5707.0 - 5720.0 - Perforation : 4.0 spf Jet 15WAY

5760.0 - 5768.0 - Packer : Baker Model 'D'

5776.0 - 5822.0 - Perforation : 4.0 spf Jet DESERT CREEK I

5835.0 - 5870.0 - Perforation : 4.0 spf Jet DESERT CREEK II

5776.0 - 5870.0 - Treatment : 4/59: Acidized 12000 Gal 15% HCL

4100.0 - 5903.0 - Cement : 250 sacks class G

0.0 - 5903.0 - Production Casing Diam: 4.500 : J-55 9.50ppf Round Short

WELL: T-10 KB: 12.0 DATE: 78/12/5

EXHIBIT #2g

PRODUCTION WELL #T-10
1931' FNL, 1793' FWL
SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 1695.0 - Cement : 720 sacks class G

0.0 - 1695.0 - Casing Diam: 9.625 : K-55 36.00ppf Round Short

350-

700-

1050-

1400-

1750-

4150-

4200-

4250-

4300-

4350-

5585-

5670-

5755-

5840-

5926-

0.0 - 5629.0 - : 181.00jts Upset J-55 6.50ppf

5629.0 - 5662.0 - Pump : Rock Pump

5842.0 - 5857.0 - Perforation : 0.1 spf Jet Desert Creek II (Select Fire Shots)

5776.0 - 5829.0 - Perforation : 0.1 spf Jet Desert Creek I (Select Fire Shots)

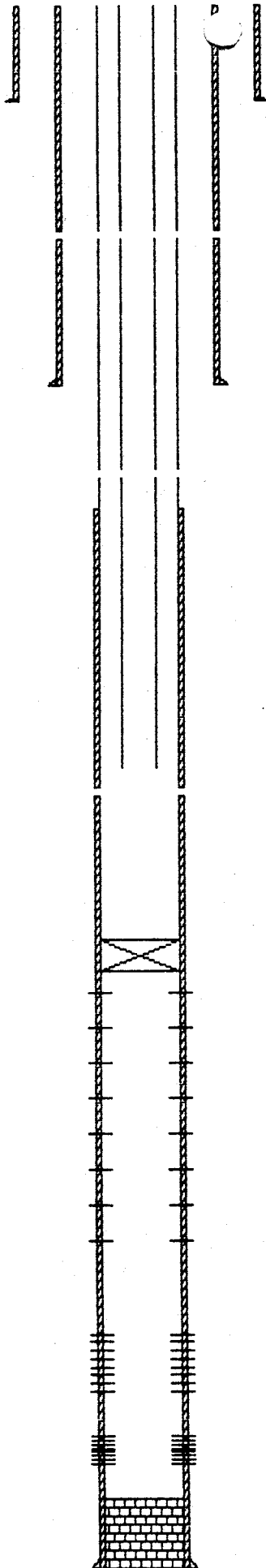
5776.0 - 5857.0 - Treatment : Acidized w/10000 Gal 28% HCL

5885.0 - 5926.0 - Cement Plug : PBTD

4157.0 - 5926.0 - Cement : 250 sacks class G

0.0 - 5926.0 - Production Casing Diam: 7.000 : K-55 23.00ppf Round Short

50-
100-
150-
200-
250-
1470-
1490-
1510-
1530-
1550-
4120-
4490-
4860-
5230-
5600-
5742-
5785-
5827-
5870-
5913-



WELL T-11 KB:11.0 DATE: 59/28

0.0 - 108.0 - Cement : 150 sacks class G

0.0 - 108.0 - Casing Diam: 13.375 : H-40 48.00ppf Round Short

EXHIBIT #2h

PRODUCTION WELL #T-11
2140' FSL, 1960' FEL
SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 1512.0 - Cement : 1050 sacks class G

0.0 - 1512.0 - Casing Diam: 8.625 : K-55 24.00ppf Round Short

0.0 - 5481.0 - : 180.00jts Upset J-55 6.50ppf

5740.0 - 5748.0 - Bridge Plug : CIBP

5754.0 - 5822.0 - Perforation : 4.0 spf Jet Desert Creek I

5894.0 - 5913.0 - Cement Plug : PBTD

5848.0 - 5864.0 - Perforation : 4.0 spf Jet Desert Creek II

5754.0 - 5864.0 - Treatment : 1/59 Acidized w/8500 Gal 15% HCL

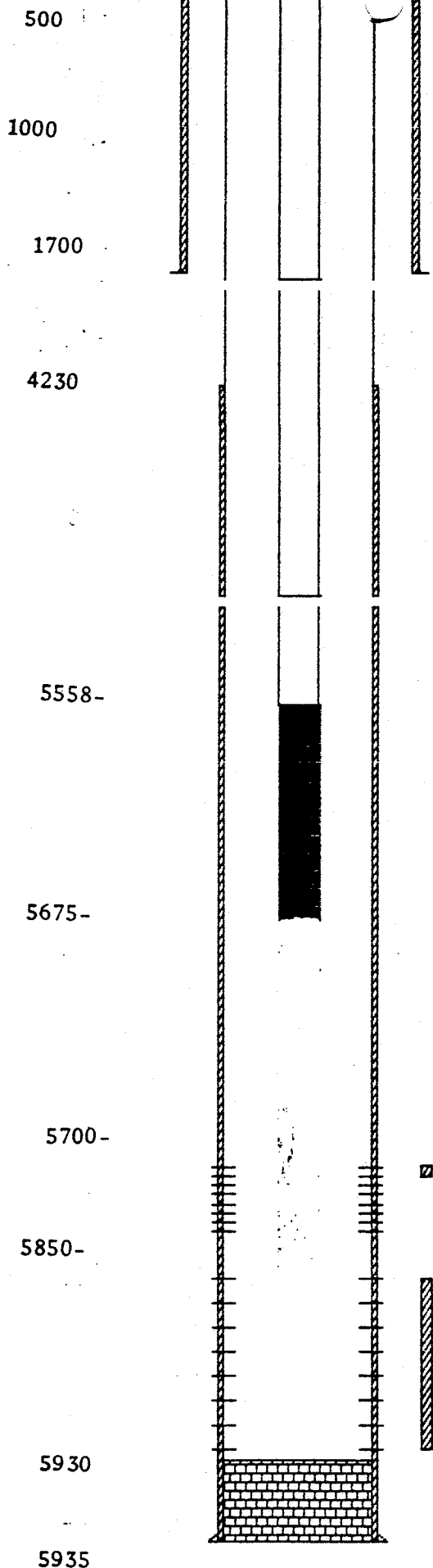
5876.0 - 5884.0 - Treatment : 1/59: Acidized w/3000 Gal 15% HCL

5876.0 - 5884.0 - Perforation : 4.0 spf Jet Desert Creek II

3930.0 - 5913.0 - Cement : 250 sacks class G

0.0 - 5913.0 - Production Casing Diam: 4.500 : J-55 9.50ppf Round Short

PRODUCTION WELL #T-12
1940' FSL, 1960' FEL
SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH



0.0 - 1728.0 - Cement : 860 sacks class G
0.0 - 1728.0 - Casing Diam: 10.750 :
H-40 : 32.75 ppf Round Short

0.0 - 5558 - Tubing Diam 2 7/8 : Upset J-55
6.5 ppf

5558 - 5675 - Pump : Reda Pump

5748-5831 - Perforation : .1 spf Desert Creek I
(Select Fire Perforations)

5748-5831 - Treatment : 2/72 Acidized w/ 16000 Gal
28% HCL

5862-5873 - Perforation : 1 spf Desert Creek II
5862-5873 - Treatment : 2/72 Acidized w/2000 Gal
28% HCL

5930-5935 - Cement Plug : PBTB
4236-5935 - Cement : 275 sacks class G
0.0 -5935 - Casing Diam: 7.0 : K-55 23 ppf
Short Round

WELL: U-08 - KB: 13.0 DATE: 78/10/8

EXHIBIT #2j

PRODUCTION WELL #U-08
100' FSL, 650' FEL
SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 1733.0 - Cement : 830 sacks class G

0.0 - 1733.0 - Casing Diam: 8.625 : K-55 24.00ppf Round Short

360-

720-

1080-

1440-

1800-

4480-

4510-

4540-

4570-

4600-

5752-

5804-

5856-

5908-

5960-

5747.0 - 5750.0 - Perforation : 1.0 spf Jet Ismay

5917.0 - 5917.0 - Perforation : 1.0 spf Jet Desert Creek III

5914.0 - 5920.0 - Packer : Baker Baker Anchor Clch

5881.0 - 5892.0 - Perforation : 1.0 spf Jet Desert Creek II

5824.0 - 5868.0 - Perforation : 1.0 spf Jet Desert Creek I

5747.0 - 5917.0 - Treatment : 10/78: Acidized w/9500 Gal 28% HCL

5747.0 - 5917.0 - Treatment : 12/85 Acidized w/1000 Gal 28% HCL

5747.0 - 5917.0 - Treatment : 8/83: Acidized w/1000 Gal 28% HCL

0.0 - 5914.0 - : Upset J-55 6.50ppf

4500.0 - 5960.0 - Cement : 250 sacks class G

0.0 - 5960.0 - Production Casing Diam: 5.500 : K-55 14.00ppf Round Short

WELL: U-09 - KB: 14.0 DATE: 85/0224

EXHIBIT #2k

PRODUCTION WELL #U-09
526' FEL, 1019' FNL
SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 96.0 - Cement : 100 sacks class G

0.0 - 96.0 - Casing Diam: 13.375 : K-55 54.50ppf Round Short

0.0 - 1740.0 - Cement : 1050 sacks class G

0.0 - 1740.0 - Casing Diam: 9.625 : K-55 36.00ppf Round Long

5812.0 - 5824.0 - Perforation : 2.0 spf Jet Desert Creek Ia

5864.0 - 5868.0 - Packer : Baker Baker Anchor Clch

5862.0 - 5868.0 - Perforation : 4.0 spf Jet Desert Creek II

5840.0 - 5854.0 - Perforation : 4.0 spf Jet Desert Creek Ib

5812.0 - 5868.0 - Treatment : 6/85: Acidized all Perfs

0.0 - 5864.0 - : Upset J-55 6.50ppf

5923.0 - 5975.0 - Cement Plug : PBTD

900.0 - 5975.0 - Cement : 450 sacks class G

0.0 - 5975.0 - Production Casing Diam: 7.000 : K-55 23.00ppf Round Long

WELL: U-10 -KB:10.0 DATE: 59/308

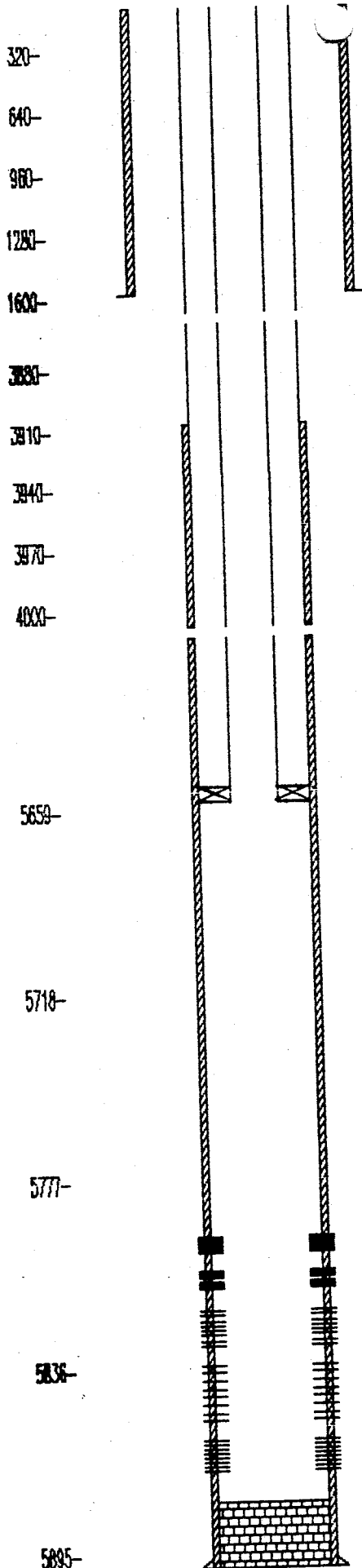
EXHIBIT #21

WATER INJECTION WELL #U-10
526' FEL, 1019' FNL
SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 1510.0 - Cement : 1050 sacks class G
0.0 - 1510.0 - Casing Diam: 8.625 : K-55 24.00ppf Round Short

0.0 - 5652.0 - : Upset J-55 6.50ppf
5652.0 - 5659.0 - Packer : Baker Baker Lok-Set Pkr

5874.0 - 5895.0 - Cement Plug : PBTD
5854.0 - 5864.0 - Treatment : 3/59: Acidized w/2000 Gal 15% HCL
5854.0 - 5864.0 - Perforation : 4.0 spf Jet Desert Creek II
5790.0 - 5795.0 - Perforation : 4.0 spf Jet Desert Creek I
5800.0 - 5806.0 - Perforation : 4.0 spf Jet Desert Creek I
5813.0 - 5824.0 - Perforation : 4.0 spf Jet Desert Creek W
5830.0 - 5848.0 - Perforation : 4.0 spf Jet Desert Creek II
5790.0 - 5864.0 - Treatment : 3/59: Acidized w/8000 Gal 15% HCL
5790.0 - 5864.0 - Treatment : 9/67: Acidized w/15000 Gal 28% HCL
5790.0 - 5864.0 - Treatment : 10/77: Acidized w/2500 28% HCL
3900.0 - 5895.0 - Cement : 250 sacks class G
0.0 - 5895.0 - Production Casing Diam: 4.500 : J-55 9.50ppf Round Short



WELL: R-11 KB: 9.0' DATE: 90/11

EXHIBIT #2m

P&A WELL #R-11
1930' FSL, 680' FWL
NW/SW SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

16-

32-

48-

64-

80-

1210-

1420-

1630-

1840-

2050-

4516-

4582-

4648-

4714-

4780-

5667-

5734-

5801-

5868-

5835-

0.0 - 45.0 - Cement Plug : P&A CEMENT PLUG

45.0 - 60.0 - Cement Plug : P&A CEMENT PLUG

1575.0 - 1575.0 - Trouble : HOLE IN CASING

0.0 - 1500.0 - Cement : 1100 sacks class B

- 0.0 - 1500.0 - Casing Diam: 8.625 : K-55 24.00ppf Round Short

1939.0 - 1939.0 - Trouble : HOLE IN CASING

- 1450.0 - 1940.0 - Cement Plug : P&A CEMENT PLUG

4600.0 - 4605.0 - Trouble : CASING PARTED

- 4550.0 - 4618.0 - Cement Plug : P&A CEMENT PLUG

5655.0 - 5658.0 - Perforation : 4.0 spf JET ISMAY

5666.0 - 5674.0 - Perforation : 4.0 spf JET ISMAY

5710.0 - 5734.0 - Perforation : 4.0 spf JET DESERT CREEK

5745.0 - 5752.0 - Perforation : 4.0 spf JET DESERT CREEK

5760.0 - 5774.0 - Perforation : 4.0 spf JET DESERT CREEK

5790.0 - 5805.0 - Perforation : 4.0 spf JET DESERT CREEK

4700.0 - 5932.0 - Cement : 200 sacks class B

0.0 - 5932.0 - Production Casing Diam: 4.500 : J-55 9.50ppf Round Short

WELL: R-11A KB: 11.3' DATE: 90/1

EXHIBIT #2n

WATER INJECTION WELL #R-11A
2030' FSL, 680' FWL
NW/SW SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

360-

720-

1080-

1440-

1800-

5020-

5040-

5060-

5080-

5100-

0.0 - 1712.0 - Cement : 725 sacks class G

0.0 - 1712.0 - Casing Diam: 8.625 : K-55 24.00ppf Round Short

5584.0 - 5593.0 - Packer : Baker LOC-SET

0.0 - 5594.0 - Tubing Diam: 2.875 : Upset J-55 6.50ppf

5644-

5664.0 - 5686.0 - Treatment : 8/74: ACIDIZED W/ 4500 GAL 28% HCL

5664.0 - 5686.0 - Perforation : 2.0 spf Jet ISWAY

5708-

5870.0 - 5872.0 - Cement Plug : PBTD

5711.0 - 5740.0 - Perforation : 2.0 spf Jet DESERT CREEK 1

5763.0 - 5779.0 - Perforation : 2.0 spf JET DESERT CREEK 2

5754.0 - 5758.0 - Perforation : 2.0 spf JET DESERT CREEK 2

5711.0 - 5779.0 - Treatment : 8/74: ACIDIZED W/ 9000 GAL 28% HCL

5854.0 - 5857.0 - Perforation : 2.0 spf JET DESERT CREEK 2

5792.0 - 5800.0 - Bridge Plug : CIBP

5814.0 - 5818.0 - Perforation : 2.0 spf JET DESERT CREEK 2

5825.0 - 5843.0 - Perforation : 2.0 spf JET DESERT CREEK 2

5814.0 - 5857.0 - Treatment : 8/74: ACIDIZED W/ 5000 GAL 28% HCL

5664.0 - 5857.0 - Treatment : 11/82: 4000 gal 28% 6000 gal 28% sx

5040.0 - 5872.0 - Cement : 250 sacks class G

0.0 - 5872.0 - Production Casing Diam: 5.500 : K-55 15.50ppf Round Short

5772-

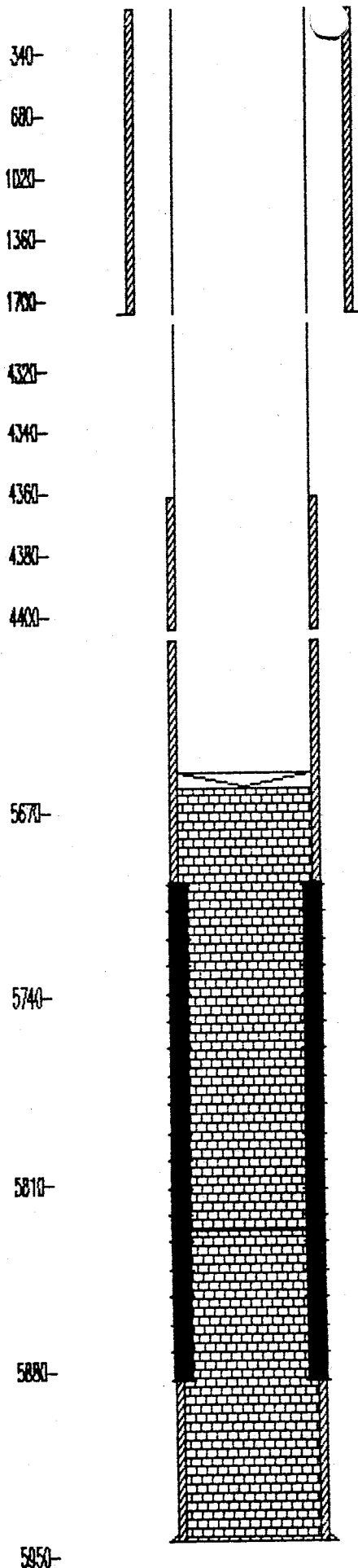
5836-

5900-

WELL: S-11 KB: 12.0' DATE: 90/1

EXHIBIT #20

PRODUCTION WELL #S-11
1928' FSL, 1731' FWL
SW/NE SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH



0.0 - 1700.0 - Cement : 900 sacks class B

0.0 - 1700.0 - Casing Diam: 8.625 : K-55 24.00ppf Round Short

5650.0 - 5660.0 - Retainer : Baker

5692.0 - 5878.0 - Treatment : 9/79: acidized w/ 1200 gals 28% hcl

5692.0 - 5878.0 - Treatment : 6/84: SQZD PERFS W/ 300 SX CL B CNT

5692.0 - 5878.0 - Abandoned Perforation : 2.0 spf Jet Desert Creek 1 & Ismay

5656.0 - 5878.0 - Cement Plug : CEMENT PLUG

5822.0 - 5839.0 - Cement Plug : PBTD

4357.0 - 5939.0 - Cement : 250 sacks class B

0.0 - 5939.0 - Production Casing Diam: 5.500 : K-55 15.50ppf Round Short

WELL: S-12 KB: 9.0' DATE: 90/01

EXHIBIT #2p

WATER INJECTION WELL #S-12
645' FSL, 2140' FWL
SE/SW SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 1502.0 - Cement : 1050 sacks class B

0.0 - 1502.0 - Casing Diam: 8.625 : K-55 24.00ppf Round Short

5495.0 - 5501.0 - Packer : HALLIBURTIN TRUMP II W/ ON/OFF TOOL

0.0 - 5495.0 - Tubing Diam: 2.375 : Upset J-55 4.70ppf

5558.0 - 5571.0 - Trouble : 4/89: BROKE DOWN SQUEEZE

5558.0 - 5571.0 - Perforation : 2.0 spf JET ISMAY

5558.0 - 5571.0 - Treatment : 2/71: 3000 GALS 28% HCL

5717.0 - 5738.0 - Treatment : 11/83: 966 GALS 15% HCL

5607.0 - 5629.0 - Perforation : 4.0 spf JET DESERT CREEK I

5644.0 - 5649.0 - Perforation : 4.0 spf JET DESERT CREEK I

5655.0 - 5674.0 - Perforation : 4.0 spf JET DESERT CREEK I

5682.0 - 5699.0 - Perforation : 4.0 spf JET DESERT CREEK I

5607.0 - 5699.0 - Treatment : 8/58: 12,600 GALS 15% HCL

5717.0 - 5738.0 - Perforation : 2.0 spf JET DESERT CREEK II

5607.0 - 5738.0 - Treatment : 4/89: 4200 GALS 28% HCL

5810.0 - 5848.0 - Cement Plug : PBTD

4400.0 - 5846.0 - Cement : 250 sacks class B

0.0 - 5846.0 - Production Casing Diam: 4.500 : J-55 9.50ppf Round Short

WELL: T-12A - KB: 12-0' DATE: 90/11

EXHIBIT #2a

PRODUCTION WELL #T-12A
590' FSL, 2007' FEL
SW/SE SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH

317-

634-

951-

1268-

1585-

3740-

3780-

3820-

3860-

3900-

5604-

5658-

5712-

5766-

5820-

0.0 - 1585.0 - Cement : 600 sacks class B

0.0 - 1585.0 - Casing Diam: 9.625 : K-55 36.00ppf Round Short

5615.0 - 5684.0 - Perforation : 1.0 spf Jet DESERT CREEK 1

5706.0 - 5754.0 - Perforation : 1.0 spf Jet DESERT CREEK 2

5615.0 - 5754.0 - Treatment : 09/78: ACDZD W/ 15000 GAL 28% HCL

5615.0 - 5754.0 - Treatment : 10/78: ACDZ W/ 25200 GAL SUPER-X

5810.0 - 5815.0 - Bridge Plug : PBTD

5800.0 - 5805.0 - Packer : BAKER ANCHOR CATCHER

5799.0 - 5800.0 - : Upset J-55 6.50ppf

0.0 - 5799.0 - : Upset K-55 6.50ppf

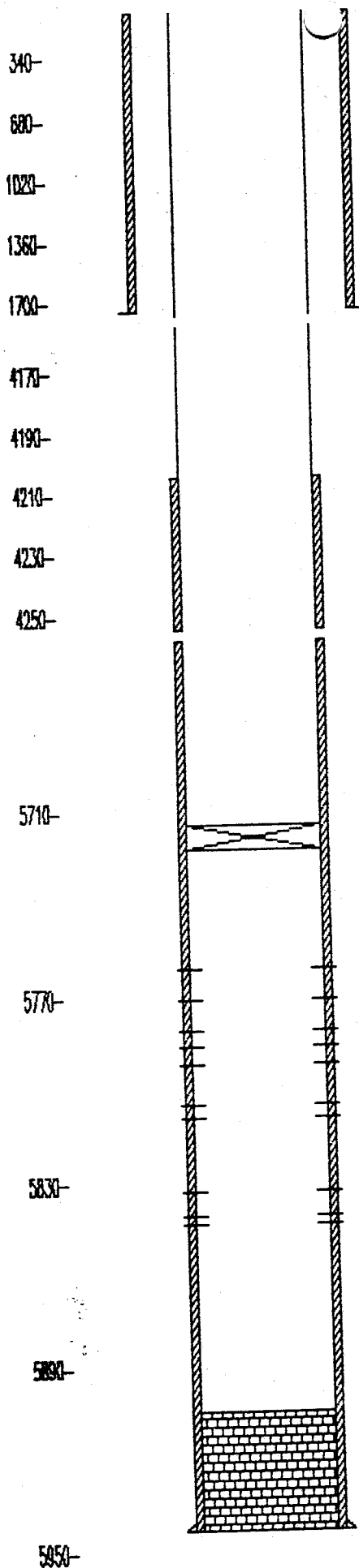
3848.0 - 5815.0 - Cement : 250 sacks class B

0.0 - 5815.0 - Production Casing Diam: 7.000 : K-55 20.00ppf Round Short

WELL: U-11 KB: 12.0' DATE: 90/1/1

EXHIBIT #2r

PRODUCTION WELL U-11
600' FEL, 1950' FSL
SEC 33, T40S, R25E
SAN JUAN COUNTY, UTAH



0.0 - 1675.0 - Cement : 900 sacks class B

0.0 - 1675.0 - Casing Diam: 8.625 : K-55 24.00ppf Round Short

5839.0 - 5839.0 - Perforation : 1.0 spf JET DESERT CREEK I

5710.0 - 5718.0 - Mechanical Plug : WIRELINE SET BP

5804.0 - 5804.0 - Perforation : 1.0 spf JET DESERT CREEK I

5787.0 - 5787.0 - Perforation : 1.0 spf JET DESERT CREEK I

5766.0 - 5766.0 - Perforation : 1.0 spf JET DESERT CREEK I

5756.0 - 5756.0 - Perforation : 1.0 spf JET DESERT CREEK I

5776.0 - 5776.0 - Perforation : 1.0 spf JET DESERT CREEK I

5781.0 - 5781.0 - Perforation : 1.0 spf JET DESERT CREEK I

5800.0 - 5800.0 - Perforation : 1.0 spf JET DESERT CREEK I

5836.0 - 5836.0 - Perforation : 1.0 spf JET DESERT CREEK I

5828.0 - 5828.0 - Perforation : 1.0 spf JET DESERT CREEK I

5756.0 - 5839.0 - Treatment : 11/78: 13,000 GALS 28% HCL

5900.0 - 5938.0 - Cement Plug : PBTD

4200.0 - 5938.0 - Cement : 250 sacks class B

0.0 - 5938.0 - Production Casing Diam: 5.500 : K-55 14.00ppf Round Short

35-
70-
105-
140-
175-
1452-
1489-
1526-
1563-
1600-
4070-
4090-
4110-
4130-
4150-
5696-
5742-
5788-
5834-
5880-

WELL: U-12 KB: 10.0' DATE: 90/1

0.0 - 99.0 - Cement : 125 sacks class B

0.0 - 99.0 - Casing Diam: 13.375 : H-40 48.00ppf Round Short

EXHIBIT #2s

WATER INJECTION WELL #U-12

660' FSL, 805' FEL

SE/SE SEC 4, T40S, R25E

SAN JUAN COUNTY, UTAH

0.0 - 1530.0 - Cement : 1100 sacks class B

0.0 - 1530.0 - Casing Diam: 8.625 : K-55 24.00ppf Round Short

5719.0 - 5724.0 - Packer : HALLIBURTON TRUMP II W/ ON/OFF TOOL

0.0 - 5724.0 - Tubing Diam: 2.375 : 181.00jts Upset J-55 4.70ppf

5743.0 - 5755.0 - Perforation : 4.0 spf JET DESERT CREEK I

5765.0 - 5774.0 - Perforation : 4.0 spf JET DESERT CREEK I

5780.0 - 5802.0 - Perforation : 4.0 spf JET DESERT CREEK I

5743.0 - 5802.0 - Treatment : 12/58: 4300 GALS 15% HCL

5832.0 - 5842.0 - Treatment : 12/58: 1000 GALS 15% HCL

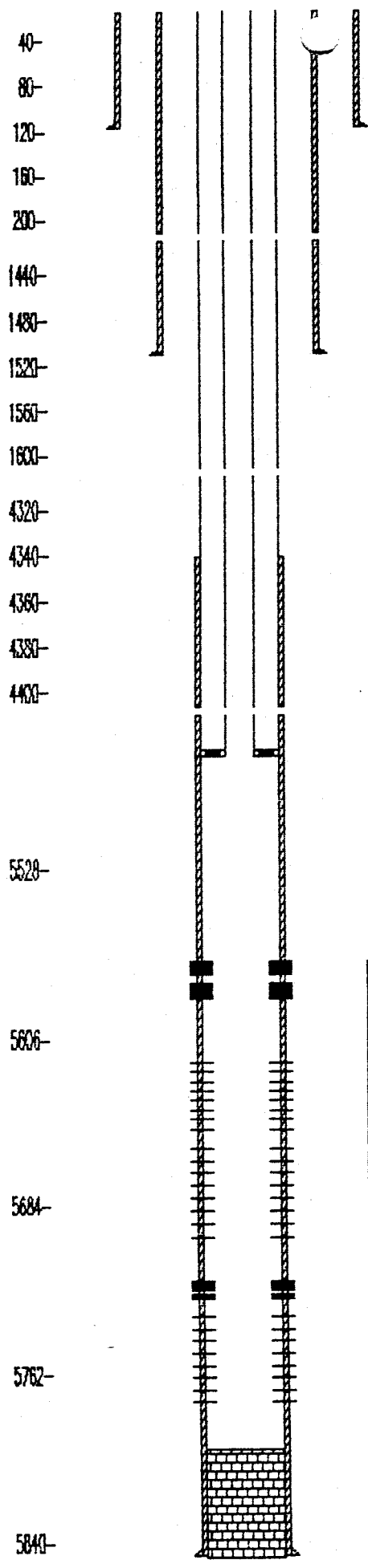
5832.0 - 5842.0 - Perforation : 4.0 spf JET DESERT CREEK II

5743.0 - 5842.0 - Treatment : 4/72: 8000 GALS 28% HCL

5840.0 - 5879.0 - Cement Plug : PBD

4100.0 - 5879.0 - Cement : 200 sacks class B

0.0 - 5879.0 - Production Casing Diam: 4.500 : J-55 9.50ppf Round Short



WELL: T-13 KB: 10.0' DATE: 90/1/1

0.0 - 105.0 - Cement : 150 sacks class B

0.0 - 105.0 - Casing Diam: 13.375 : J-55 48.00ppf Round Short

EXHIBIT #2t

WATER INJECTION WELL #T-13
595' FSL, 595' FEL
NW/NE SEC 4, T41S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 1497.0 - Cement : 1050 sacks class B

0.0 - 1497.0 - Casing Diam: 8.625 : J-55 24.00ppf Round Short

5466.0 - 5469.0 - Packer : Baker INVERTED LOK-SET

0.0 - 5469.0 - Tubing Diam: 2.375 : Upset J-55 4.70ppf

5574.0 - 5581.0 - Perforation : 4.0 spf JET ISWAY

5564.0 - 5570.0 - Perforation : 4.0 spf Jet ISWAY

5564.0 - 5581.0 - Treatment : 7/82:1500 GALS 15% HCL

5730.0 - 5764.0 - Treatment : 7/58: ACIDIZED 7300 GALS 15% HCL

5610.0 - 5641.0 - Perforation : 4.0 spf JET DESERT CREEK I

5728.0 - 5768.0 - Perforation : 2.0 spf JET DESERT CREEK II

5728.0 - 5768.0 - Treatment : 9/82: 4000 GALS 28% HCL

5650.0 - 5692.0 - Perforation : 4.0 spf JET DESERT CREEK I

5712.0 - 5768.0 - Treatment : 1/64: 2500 GALS 15% HCL

5712.0 - 5720.0 - Perforation : 2.0 spf JET DESERT CREEK I

5610.0 - 5768.0 - Treatment : 1/74: 2500 GALS 28% HCL

5564.0 - 5768.0 - Treatment : 2/66: 15,000 GALS 28% HCL

5790.0 - 5840.0 - Cement Plug : PBTD

4335.0 - 5839.0 - Cement : 250 sacks class B

0.0 - 5839.0 - Production Casing Diam: 4.500 : J-55 9.50ppf Round Short

WELL: V-11 KB: 100' DATE: 90/1/

EXHIBIT #2u

PRODUCTION WELL V-11
2060' FSL, 690' FWL
NW/SW SEC 34, T40S, R25E
SAN JUAN COUNTY, UTAH

0.0 - 1511.0 - Cement : 900 sacks class B

0.0 - 1511.0 - Casing Diam: 8.625 : J-55 24.00ppf Round Short

4170-

4190-

4210-

4230-

4250-

5779-

5800-

5837-

5866-

5895-

5820.0 - 5830.0 - Perforation : 2.0 spf jet DESERT CREEK II

5820.0 - 5830.0 - Treatment : 9/84: 3000 GALS 28% HCL

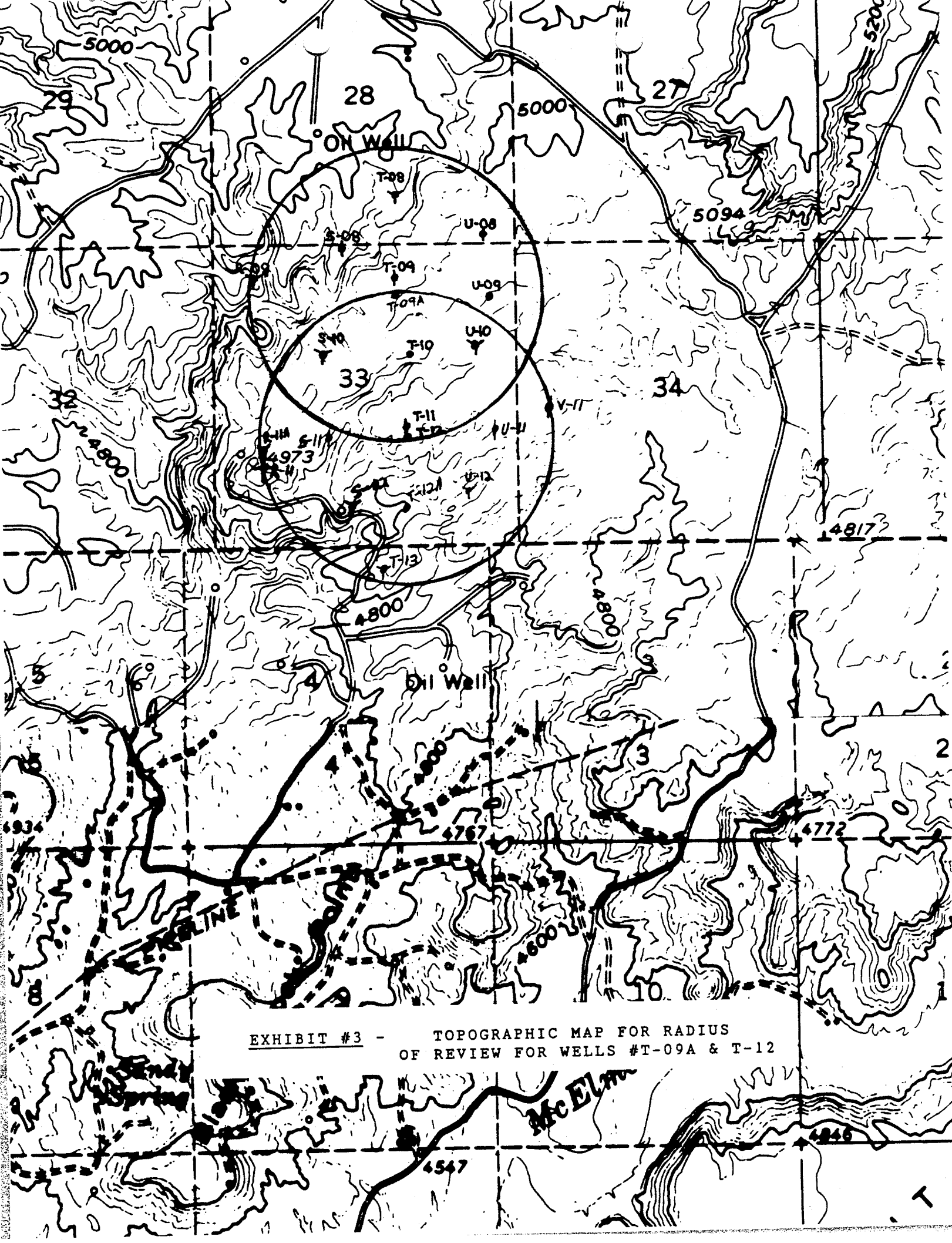
5842.0 - 5850.0 - Treatment : 4/60: 500 GALS 15% HCL

5842.0 - 5850.0 - Perforation : 3.0 spf JET DESERT CREEK II

4219.0 - 5891.0 - Cement : 250 sacks class B

0.0 - 5891.0 - Production Casing Diam: 5.500 : J-55 14.00ppf Round Short

5862.0 - 5892.0 - Cement Plug : PBTD





PLUGGING AND ABANDONMENT PLAN EXHIBIT #4b

NAME AND ADDRESS OF FACILITY

McElmo Creek Unit #T-12
(same as Operator)

NAME AND ADDRESS OF OWNER/OPERATOR

Mobil Oil Corporation
P.O. Box 5444
Denver, CO 80217LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT - 640 ACRES

STATE

COUNTY

Utah

San Juan

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

5-1/2 1/4 OF NW 1/4 OF SE 1/4 SECTION 33 TOWNSHIP 40S RANGE 25E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface 1940
Location ft. from (N/S) S Line of quarter section
and 1960 ft. from (E/W) E Line of quarter section

TYPE OF AUTHORIZATION

- ☐
- Individual Permit
-
- ☒
- Area Permit
-
- ☒
- Rul.

Number of Wells _____

WELL ACTIVITY

- ☐
- CLASS I
-
- ☒
- CLASS II
-
- ☐
- Brine Disposal
-
- ☒
- Enhanced Recovery
-
- ☐
- Hydrocarbon Storage
-
- ☐
- CLASS III

Lease Name McElmo Creek Unit

Well Number T-12

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
10-3/4	32.75			
7	20			

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- ☐
- The Balance Method
-
- ☐
- The Pump Bailer Method
-
- ☐
- The Two-Plug Method
-
- ☒
- Other Bottom plug across perforated interval to be pumped under cement retainer

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)	7	7	7	10-3/4			
Depth to Bottom of Tubing or Drill Pipe (ft.)	5698	4768	1678	100			
Sacks of Cement To Be Used (each plug)	54	25	100	40			
Slurry Volume To Be Pumped (cu. ft.)	59	27	110	44			
Calculated Top of Plug (ft.)	5648	4650	1628	surf.			
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8	15.8	15.8			
Type Cement or Other Material (Class III)	G	G	G	G			

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)

From	To	From	To
Surface	50' below surface		
5748'	5873' Production perms.		

Estimated Cost to Plug Wells

\$25,000

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)
Regulatory Compliance Manager

SIGNATURE

DATE SIGNED

1-11-90

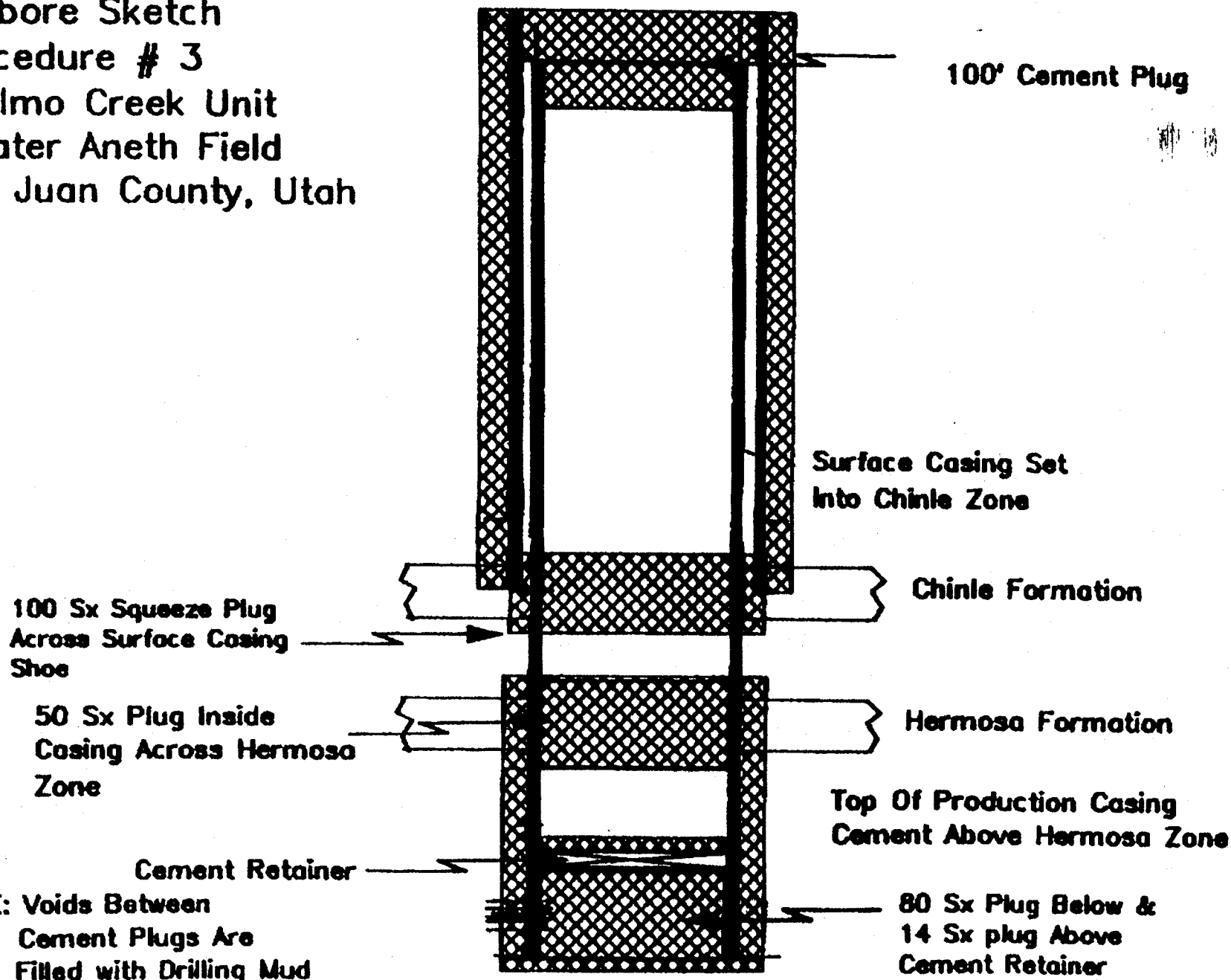
McELMO CREEK UNIT
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH

PLUG AND ABANDONMENT PROCEDURE 3

1. MIRU. Nipple up BOPE.
2. POH with injection equipment and tubing. Lay down injection equipment.
3. RIH with cement retainer on end of 2 7/8" tubing and set retainer in casing 50' above top perforation.
4. Rig up Cementers and mix and pump 80 sacks of class G cement. Squeeze perfs below retainer w/ 66 sacks of cement. Sting out of retainer and displace last 14 sacks of cement on top of retainer.
5. POOH with tubing above cement and displace casing to surface with drilling mud (min 9 lbs/gal, vis 50 sec/qt). Pull up hole with tubing to bottom of Hermosa zone.
6. Rig up cementers and set 50 sack plug inside of casing across Hermosa zone. Pull tubing out of cement and clear tubing.
7. POH with tubing and stand back in derrick.
8. Rig up perforators and shoot squeeze holes in casing at bottom of surface casing shoe w/4 SPF 120 degree phasing. Rig down perforators.
9. RIH with PVC tail and retrievable packer on end of 2 7/8" tubing and set in casing with tail 50' above surface casing shoe squeeze holes. Rig up cementers and pump 100 sacks of class G cement below packer and tail to squeeze off surface casing shoe. Release packer, pull up hole 1 joint, and clear tubing. Reset packer and leave sufficient pressure on tubing to hold cement in place while curing.
10. POH with tubing and stand in derrick.
11. Rig up casing cutter and cut off long string production casing 50' below surface flange. Pull 50' of casing and lay it down.
12. RIH with 100' of 2 7/8" tubing and pump class G cement to surface. POH with tubing and lay down tubing. Top off casing with cement so hole remains full.
13. RDMO. Cut off surface pipe flange and weld on dry hole marker. Restore location as per BLM requirements.

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**Plug & Abandonment
Wellbore Sketch
Procedure # 3
McElmo Creek Unit
Greater Aneth Field
San Juan County, Utah**



PLUGGING AND ABANDONMENT PLAN



NAME AND ADDRESS OF FACILITY

McElmo Creek Unit #T-09A
(same as Operator)

NAME AND ADDRESS OF OWNER/OPERATOR

Mobil Oil Corporation
P.O. Box 5444
Denver, CO 80217LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT - 640 ACRES

STATE

Utah

COUNTY

San Juan

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

SW 1/4 OF NW 1/4 OF 33 1/4 SECTION 40S TOWNSHIP 25E RANGE

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface 940
Location _____ ft. from (N/S) N Line of quarter section
and 2035 _____ ft. from (E/W) E Line of quarter section

TYPE OF AUTHORIZATION

- ☐
- Individual Permit
-
- ☒
- Area Permit
-
- ☒
- Rul.

Number of Wells _____

WELL ACTIVITY

- ☐
- CLASS I
-
- ☒
- CLASS II
-
- ☐
- Brine Disposal
-
- ☒
- Enhanced Recovery
-
- ☐
- Hydrocarbon Storage
-
- ☐
- CLASS III

Lease Name McElmo Creek Unit

Well Number T-09A

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB./FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
10-3/4	32.75			
7	20			

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- ☐
- The Balance Method
-
- ☐
- The Dump Sailer Method
-
- ☐
- The Two-Plug Method
-
- ☒
- Other Bottom plug across perforated interval to be pumped under cement retainer

CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)	7	7	7	10 3/4			
Depth to Bottom of Tubing or Drill Pipe (ft.)	5733	4872	1662	100			
Secks of Cement To Be Used (each plug)	48	25	110	44			
Slurry Volume To Be Pumped (cu. ft.)	5683	4772	1612	surf.			
Calculated Top of Plug (ft.)							
Measured Top of Plug (if tagged ft.)	15.8	15.8	15.8	15.8			
Slurry Wt. (Lb./Gal.)	G	G	G	G			
Type Cement or Other Material (Class III)							

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)

From	To	From	To
Surface	50' below surface		
5783'	5886' Production Perfs.		

Estimated Cost to Plug Wells

\$25,000

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)
Regulatory Compliance Manager

SIGNATURE

B. L. Maynard

DATE SIGNED

1-11-90

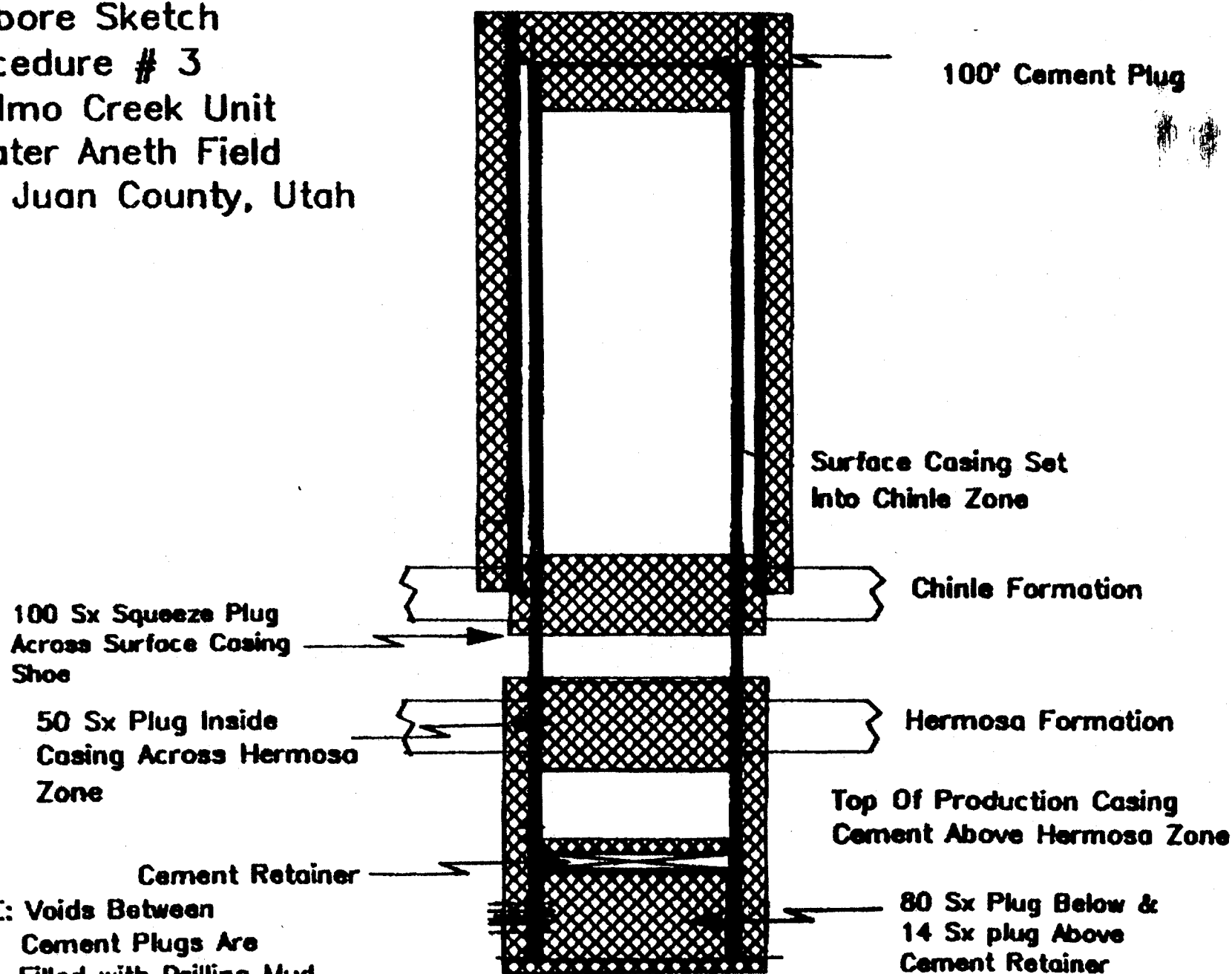
McELMO CREEK UNIT
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH

PLUG AND ABANDONMENT PROCEDURE 3

1. MIRU. Nipple up BOPE.
2. POH with injection equipment and tubing. Lay down injection equipment.
3. RIH with cement retainer on end of 2 7/8" tubing and set retainer in casing 50' above top perforation.
4. Rig up Cementers and mix and pump 80 sacks of class G cement. Squeeze perfs below retainer w/ 66 sacks of cement. Sting out of retainer and displace last 14 sacks of cement on top of retainer.
5. POOH with tubing above cement and displace casing to surface with drilling mud (min 9 lbs/gal, vis 50 sec/qt). Pull up hole with tubing to bottom of Hermosa zone.
6. Rig up cementers and set 50 sack plug inside of casing across Hermosa zone. Pull tubing out of cement and clear tubing.
7. POH with tubing and stand back in derrick.
8. Rig up perforators and shoot squeeze holes in casing at bottom of surface casing shoe w/4 SPF 120 degree phasing. Rig down perforators.
9. RIH with PVC tail and retrievable packer on end of 2 7/8" tubing and set in casing with tail 50' above surface casing shoe squeeze holes. Rig up cementers and pump 100 sacks of class G cement below packer and tail to squeeze off surface casing shoe. Release packer, pull up hole 1 joint, and clear tubing. Reset packer and leave sufficient pressure on tubing to hold cement in place while curing.
10. POH with tubing and stand in derrick.
11. Rig up casing cutter and cut off long string production casing 50' below surface flange. Pull 50' of casing and lay it down.
12. RIH with 100' of 2 7/8" tubing and pump class G cement to surface. POH with tubing and lay down tubing. Top off casing with cement so hole remains full.
13. RDMO. Cut off surface pipe flange and weld on dry hole marker. Restore location as per BLM requirements.

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**Plug & Abandonment
Wellbore Sketch
Procedure # 3
McElmo Creek Unit
Greater Aneth Field
San Juan County, Utah**



TYPICAL MOBIL MC ELMO CREEK UNIT INJECTION WELL SAN JUAN COUNTY, UTAH

GEOLOGIC SECTION

MORRISONENTRADA 400'CARMEL 500'NAVAJO 600'WINGATE 900'CHINLE 1200'
BASE OF
FRESH WATERDE CHELLY 2400'HERMOSA 4300'ISMAY 5200'DESERT CREEK 5350'

80' 13 3/8" 54.8#
K-55 ST&C
CEMENTED TO SURFACE

1300' 8 5/8" 32#
K-55 CT&C
CEMENTED TO SURFACE

TOP OF CEMENT 2000'

2 7/8" 6.5# J-55 /TK-99
CO2 SERVICE TUBING.

ANNULUS LOADED WITH
INHIBITED WATER

BAKER MODEL TSN 925
INCOLLY PACKER
SET AT 5300'

DESERT CREEK PERFS
5360-5400'

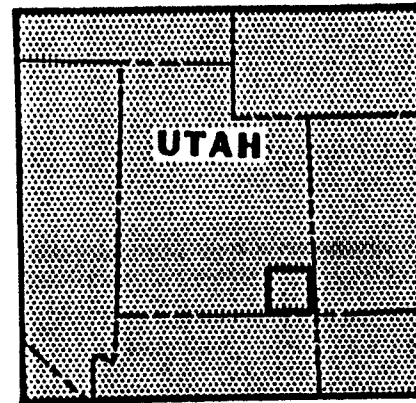
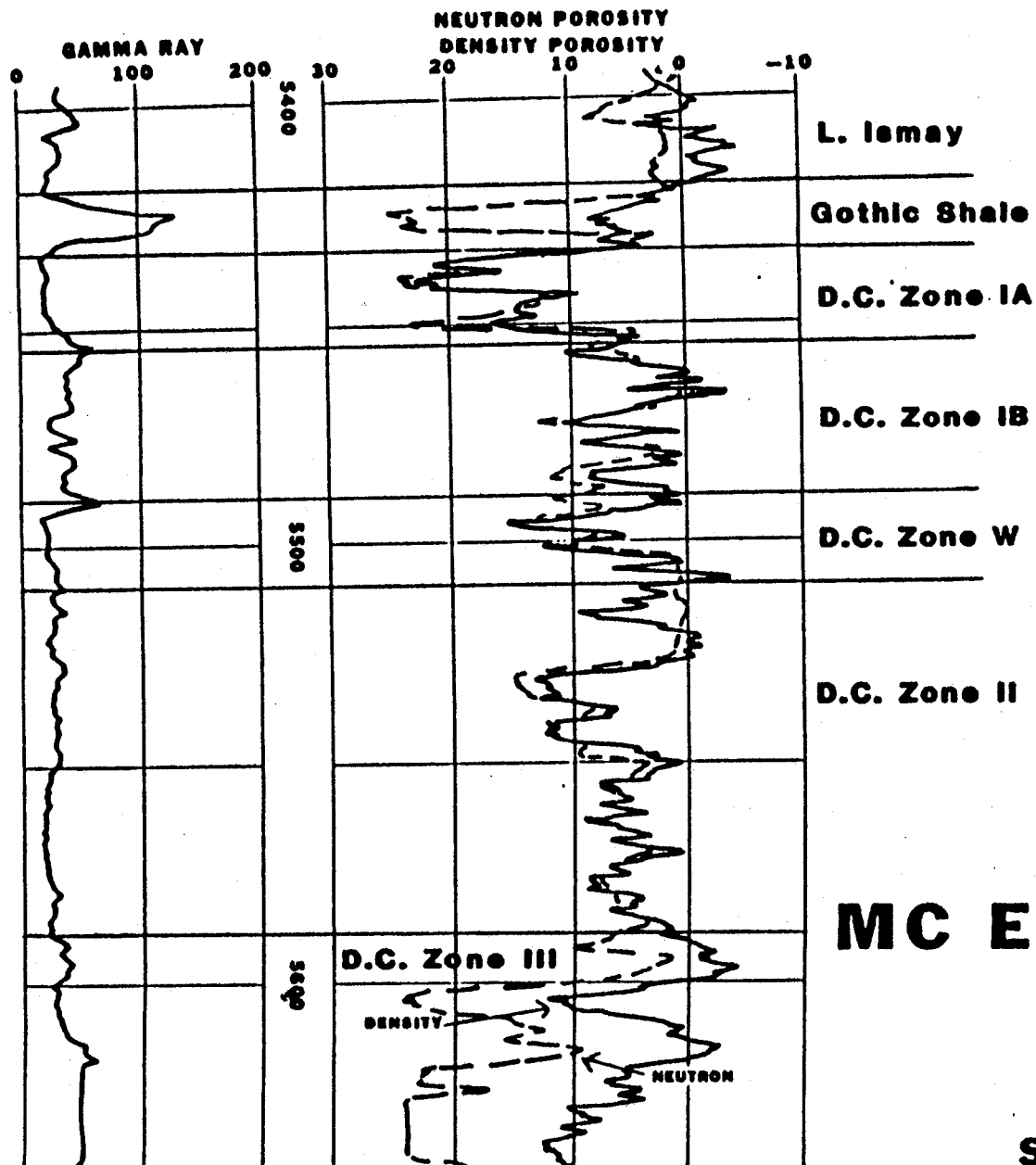
5600'
5 1/2" 17#
K-55 CT&C

CEMENTED FROM
5600' TO 2000'

Mobil

MC ELMO CREEK UNIT
SAN JUAN COUNTY, UTAH

P. H. BELL	DWG NO
SCALE NTS	CA-WBB-WB-
G. EDGERMAN	DATE 01/06/89 5338.47.1



DENVER AFFILIATE

MC ELMO CREEK UNIT

TYPE LOG

WELL J-15B

SEC.6 T.41S. R.25E.

SAN JUAN CO., UTAH

Geologic System		Rock Unit	
CENOZOIC	Quaternary	Alluvial, Eolian and Glacial Deposits	
	Tertiary	Igneous Rock	
MESOZOIC	Cretaceous	Mesaverde Group	
		Mancos Shale	
		Dakota Sandstone	
		Cedar Mt. Formation	Burns Canyon Formation
	Jurassic	Morrison Formation	
		San Rafael Group	Bluff Sandstone
			Summerville Formation
			Curtis Formation
			Entrada Sandstone
	Triassic	Glen Canyon Group	Carnegie Formation
			Navajo Sandstone
			Kayenta Formation
			Winarina Sandstone
			Chinle Formation
PALEOZOIC	Permian	White Rim (De Chelly) Sandstone	
		Organ Rock Shale	
		Cedar Mesa Sandstone	
		Elephant Canyon Formation	
		Hogback Shale	
	Pennsylvanian	Mazonia Group	Monk Trail Formation
			Paradox Formation
			Pinkerton Trail Formation
	Mississippian	Redwell Limestone (west side)	
		Leadville Limestone (east side)	
		Curey Limestone	
	Devonian	Elbert Formation	
		Upper Elbert Member	
		McCracken Sandstone Member	
	Carboniferous	Aneth Formation	
		Lynch Dolomite	
		Blue Limestone	
		Bright Angel Shale	
Pre-Paleozoic	Pre-Cambrian	Basement Complex of Igneous and Metamorphic Rock	

Figure 2. Generalized Composite Stratigraphic Column for the Paradox Basin



925 S. BROADWAY
P.O. BOX 909
CORTEZ, CO 81321

(303) 565-1056

Water Analysis Report

Company: Mobil Oil Corporation

Date Reported: 11/14/89
Date Sampled: 11/15/89

Service Engineer: Clyde Willis

CHEMICAL COMPONENT		Packer Fluid Fresh Water w/ 1% Cortron R-228
Chloride	(mg/l)	400
Sulfate	(mg/l)	355
Carbonate	(mg/l)	240
Bicarbonate	(mg/l)	984
TTL Hardness	(mg/l)	420
Calcium	(mg/l)	152
Magnesium	(mg/l)	97
Sodium	(mg/l)	626
pH		8.7
Ionic Stregnth		0.06
SI@20C (68F)		2.11
SI@25C (77F)		2.25
SI@30C (86F)		2.39
SI@40C (104F)		2.63
SI@50C (122F)		2.79
SI@60C (140F)		3.02
SI@70C (158F)		3.11
SI@80C (176F)		3.37
SI@90C (194F)		3.57
TDS (MGS/L)		2854
Dissolved H2S (ppm)		0
Dissolved CO2 (ppm)		0

EXHIBIT #8

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well ☒ Gas Well ☐ Other:

2. Name of Operator

MOBIL OIL CORPORATION

3. Address of Operator

P. O. DRAWER G, CORTEZ, CO. 81321

4. Location of Well

940' FNL, 2035' FEL

14. Permit No.

15. Elevations (DF, RT, GR)

DF: 4958'

5. Lease Designation &
Serial No.

14-20-603-2057

6. If Indian, Allottee or Tribe Name
NAVAJO

7. Unit Agreement Name
McELMO CREEK UNIT

8. Farm or Lease Name

9. Well No.

T-09A

10. Field and Pool, or Wildcat
GREATER ANETH FIELD

11. Sec. T,R,M or BLK and
Survey or Area
SEC 33, T40S, R25E

12. County, Parish
SAN JUAN

13. State
UTAH

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

Notice of Intention To:

Subsequent Report of:

Test Water Shut-off ☐ Pull or Alter Casing ☐

Water Shut-off ☐ Repairing Well ☐

Fracture Treat ☐ Multiple Complete ☐

Fracture Treatment ☐ Altering Casing ☐

Shoot or Acidize ☐ Abandon * ☐

Shooting/Acidizing ☐ Abandonment * ☐

Repair Well ☐ Change Plans ☐

(Other) ☐

(Other) CONVERT TO WATER/CO2 INJECTION ☐

(NOTE: Report results of multiple completion on
Well Completion or Recompletion Report and Log Form.)

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zone pertinent to this work) *

Mobil Oil Corporation requests permission to convert McElmo Creek Unit Well # T-09A to water/CO2 injection for the purpose of continuing the Enhanced Oil Recovery Expansion Program in the McElmo Creek Unit, San Juan County, Utah. The following is the proposed procedure to convert the well to injection.

1. MIFU. Nipple up BOPE.
2. Pull out of hole with Reda Pump and lay down production equipment.
3. RIH with bit and 7" casing scraper on end of tubing to FBTD (5890') and circulate clean if necessary. POH with bit and scraper.
4. RIH with 7" Baker Inverted Loc-Set packer on end of 2 7/8" cement lined tubing.
5. Set packer in 7" casing at 5753'.
6. Load casing/tubing annulus with inhibited fluid.
7. Nipple up wellhead.
8. Pressure test tubing/casing annulus to 2000 psi and hold pressure for 30 minutes.
9. If no pressure fall-off is detected, release annulus pressure and turn well to injection.

18. I hereby certify that the foregoing is true and correct

Signed: T. Wayne McPher Title: Engineer Date: Dec 7, 1989

(This space for Federal or State office use)

APPROVED BY

TITLE:

DATE:

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well ☒ Gas Well ☐ Other:

2. Name of Operator
MOBIL OIL CORPORATION

3. Address of Operator
P. O. DRAWER G, CORTEZ, CO. 81321

4. Location of Well

1940' FSL, 1960' FEL

14. Permit No.

15. Elevations (DF, RT, GR)
DF: 4949'

5. Lease Designation & Serial No.
14-20-603-2057
6. If Indian, Allottee or Tribe Name
NAVAJO
7. Unit Agreement Name
McELMO CREEK UNIT
8. Farm or Lease Name
9. Well No.
T-12
10. Field and Pool, or Wildcat
GREATER ANEIH FIELD
11. Sec. T,R,M or BLK and Survey or Area
SEC 33, T40S, R25E
12. County, Parish
SAN JUAN
13. State
UTAH

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

Notice of Intention To:		Subsequent Report of:	
Test Water Shut-off <input type="checkbox"/>	Pull or Alter Casing <input type="checkbox"/>	Water Shut-off <input type="checkbox"/>	Repairing Well <input type="checkbox"/>
Fracture Treat <input type="checkbox"/>	Multiple Complete <input type="checkbox"/>	Fracture Treatment <input type="checkbox"/>	Altering Casing <input type="checkbox"/>
Shoot or Acidize <input type="checkbox"/>	Abandon * <input type="checkbox"/>	Shooting/Acidizing <input type="checkbox"/>	Abandonment * <input type="checkbox"/>
Repair Well <input type="checkbox"/>	Change Plans <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	CONVERT TO WATER/CO2 INJECTION <input type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zone pertinent to this work) *

Mobil Oil Corporation requests permission to convert McElmo Creek Unit Well # T-12 to water/CO2 injection for the purpose of continuing the Enhanced Oil Recovery Expansion Program in the McElmo Creek Unit, San Juan County, Utah. The following is the proposed procedure to convert the well to injection.

1. MURU. Nipple up BOPE.
2. Pull out of hole with Reda Pump and lay down production equipment.
3. RIH with bit and 7" casing scraper on end of tubing to PBTD (5907') and circulate clean if necessary. POH with bit and scraper.
4. RIH with 7" Baker Inverted Loc-Set packer on end of 2 7/8" cement lined tubing.
5. Set packer in 7" casing at 5698'.
6. Load casing/tubing annulus with inhibited fluid.
7. Nipple up wellhead.
8. Pressure test tubing/casing annulus to 2000 psi and hold pressure for 30 minutes.
9. If no pressure fall-off is detected, release annulus pressure and turn well to injection.

18. I hereby certify that the foregoing is true and correct

Signed: T. Wayne McPh Title: Engineer Date: Dec 7, 1989

(This space for Federal or State office use)
APPROVED BY _____

TITLE: _____

DATE: _____

REMARKS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly,
department or agency of the United States any false, fictitious or fraudulent statements or representations as
to any matter within its jurisdiction.

facts about Mobil Corporation

Mobil Corporation is a major integrated petroleum company, with revenues of more than \$54 billion in 1988. Mobil companies do business in more than 100 countries and employ approximately 70,000 people.

Mobil has paid an annual dividend for the past 86 years. The annual dividend in 1988 was \$2.35 per share and represented a payout of 24% of net cash from operating activities. Approximately 410.7 million shares were outstanding at year-end.

The Mobil organization historically has been an aggressive participant in major exploration ventures worldwide. As a result, despite the current volatility of crude prices, the Mobil group of companies has a large inventory of exploration and development investment opportunities that could be profitable at low crude oil prices. Mobil also continues to improve its competitive position and make important progress in further improving its refining and marketing efficiencies.

Mobil Chemical reported its best year ever in 1988, reflecting improved petrochemical and plastics margins and volumes.

History

Mobil Corporation traces its origin to the Vacuum Oil Company, which was founded in 1866 by Hiram Bond Everest and Matthew P. Ewing, who discovered they could produce a superior lubricant by distilling crude oil in a vacuum. Vacuum Oil Company eventually became known the world over as a manufacturer and marketer of quality lubricants. Another predecessor, Standard Oil Company of New York (Socony), was established in 1882 as a manufacturer and marketer of fuels.

The companies merged in 1931 to form Socony-Vacuum Corporation, which became Socony-Vacuum Oil Company in 1934 and Socony Mobil Oil Company, Inc. in 1955. During the organization's centennial year in 1966, the name was changed to Mobil Oil Corporation.

Mobil Corporation was formed in 1976 as the holding company for Mobil Oil Corporation and other diversified businesses. In 1984 Mobil Corporation acquired The Superior Oil Company, the nation's largest independent producer of crude oil and natural gas.

With the sale of its retailing and packaging affiliates, Mobil returned to the core businesses that have provided the basis for its growth. With greater financial flexibility and continued emphasis on low-cost, efficient operations, Mobil earned \$2,087 million in 1988—its best results in seven years. Rates of return on average shareholders' equity and capital employed also improved. Capital and exploration spending, including acquisitions, rose to \$3.9 billion. The debt-to-capitalization ratio dropped to 32%, about where it was before Mobil bought Superior in 1984.

Mobil made three strategic acquisitions in 1988: a large, modern refinery in Louisiana, oil and gas producing properties on the U.S. Gulf Coast, and an ethylene plant in Texas. In addition to the sale of its retailing affiliate for its book value, with Mobil receiving cash proceeds of \$1.6 billion, Mobil sold a refinery in Ferndale, Washington for a \$68 million profit. The sale of the Washington refinery and the purchase of the one in Louisiana furthered Mobil's efforts to strengthen its position in key markets and withdraw from areas where the company was less competitive.

Mobil's Oil Interests

U.S. Petroleum Interests

In 1988, the U.S. net crude oil and natural gas liquids production of Mobil affiliates averaged 329,000 barrels a day. Net production of natural gas averaged 1,790 million cubic feet a day. At year-end, the net proved U.S. oil and gas reserves of Mobil companies amounted to 2,476 million barrels of oil equivalents.

Refinery runs of Mobil averaged 650,000 barrels daily from its five U.S. refineries, which, at year-end, had an operating capacity of 823,000 barrels daily.

At year-end there were 11,074 Mobil gasoline retail outlets in the U.S., of which 721 were operated by Mobil. Domestic petroleum product sales averaged 927,000 barrels per day.

Foreign Petroleum Interests

Foreign net crude oil and natural gas liquids production of Mobil affiliates averaged 406,000 barrels a day in 1988. Net

foreign production of natural gas averaged 2,488 million cubic feet daily.

Mobil's foreign net proved oil and gas reserves at year-end amounted to 4,150 million barrels of oil equivalents.

Foreign refinery runs of Mobil affiliates averaged 996,000 barrels daily. At year-end, Mobil companies had interests in 23 wholly or partly owned foreign refineries.

In marketing, Mobil had 14,946 gasoline retail outlets, and Mobil's foreign affiliates' petroleum product sales averaged 1,598,000 barrels a day.

To serve producing, manufacturing, and marketing interests at home and abroad, Mobil affiliates have whole or partial interests in 36,854 miles of crude oil, natural gas, natural gas liquids, and product pipelines worldwide.

In addition, at year-end 1988, the Mobil organization's worldwide oceangoing fleet consisted of 39 vessels, of which 34 were owned and 5 were chartered. Total capacity was 4.5 million deadweight tons.

Other Mobil Interests

Chemical

Mobil Chemical Company, a division of Mobil Oil Corporation, is the world's largest manufacturer of plastic packaging for consumer, industrial, and institutional uses. It is a major producer of petrochemicals, primarily polyethylene, polystyrene, and petrochemical building blocks. It is the leading manufacturer of synthetic lubricants, and produces catalysts for the refining and petrochemicals industries and petroleum additives.

Mobil Chemical is a leading producer of virtually every plastic product it sells. Hefty® and Kordite® brand trash bags are its best-known plastic products. The company pioneered the grocery industry's conversion to plastic carryout bags, which are rapidly displacing conventional brown paper bags. It is a leading supplier of plastic foam containers for schools, hospitals, and institutions where the sanitary aspect of single-service food containers is important. The company is the world's leading producer of oriented polypropylene, a thin tough film that has virtually replaced cellophane and is rapidly replacing foil and paper as a packaging material for thousands of demanding consumer applications, while extending the shelf life of many processed foods. It is also the largest-volume producer of stretch film, which is steadily overtaking wire, twine, and strapping as a means of securing and protecting loads that are shipped or stored on pallets.

Mobil Chemical is playing a major role in the national plastics recycling effort. It is a partner in the first polystyrene foam recycling plant and is part of an industry group that will establish five polystyrene recycling plants across the country.

Mobil Chemical operates some of the most modern, efficient petrochemical plants in the world including a worldscale complex in Saudi Arabia owned jointly with Saudi Basic Industries Corporation. Through acquisitions and expansions, the company continues to increase its production of basic petrochemicals, polyethylene, and polystyrene. A successful petrochemical R&D program focuses on the development and commercialization of advanced, high performance polyethylene and polystyrene resins.

Mobil Chemical is the leading producer of synthetic lubricants, fluids, and greases—including Mobil 1.® The company produces gasoline detergents that gained public recognition for their effectiveness in high performance fuel-injected engines. It manufactures catalysts for refining and chemical processes, including Mobil's proprietary zeolite catalyst used in New Zealand's synfuels plant that converts natural gas to high-quality gasoline.

Mining and Minerals

Mobil Mining & Minerals mines and markets coal and phosphate rock, and also manages Mobil's synthetic fuels resources. Mobil operates the Caballo Rojo coal mine in Gillette, Wyoming. In Indonesia, Mobil and the Japanese firm of Nissho Iwai plan to surface mine a potentially large reserve of commercial-quality coal, starting in the early 1990's.

Mobil is one of the largest miners and exporters of phosphate rock in the United States. It has three phosphate mines and a large undeveloped reserve, all in Florida. Mobil's reserves are among the highest quality, lowest cost-to-mine in the industry.

Research & Engineering

Mobil scientists and engineers continue to develop technology that creates important new opportunities in energy. In exploration, supercomputers and advanced imaging techniques are used to produce high-accuracy, three-dimensional pictures of the subsurface to aid the search for new reservoirs. Computer workstations incorporating forefront knowledge about geological and geochemical evolution help predict which structures contain hydrocarbons.

In production, drilling operations are now guided by a Mobil-designed, computer-based expert system. Sophisticated reservoir management and enhanced oil recovery technologies are employed to draw more oil out of existing fields at minimal cost.

Mobil engineers are known worldwide for their large, pioneering projects. The company's leadership position in zeolite catalysis provides unique refinery catalysts and processes for making more gasoline and distillate from each barrel of crude oil and for reducing the cost of making lube oils and petrochemicals.

In the last two years, new technology has increased Mobil's U.S. lubricant production by more than 10%—the equivalent of building a new lube plant, but at a fraction of the cost. Mobil's focus on high-quality, premium products is evidenced by our strong position in synthetic lubricants and fuel detergency.

Overall, Mobil's commitment to technology leadership is clear from our patent position. Last year—for the sixth year in a row—Mobil received more U.S. patents than any other oil company.

The Mobil Organization and Society

During 1988, the Mobil group of companies spent approximately \$670 million worldwide to help protect and improve the environment. Approximately 250 of its people work full time around the world to insure compliance with clean air and water regulations. Our environmental and health science laboratory is devoted to the testing and screening of raw materials, processes, and products to make sure they are safe for handling and use by employees, customers, and the public. The results are made available to Mobil companies worldwide through computer networks.

Mobil Corporation grants make possible the award-winning "Masterpiece Theatre" and "Mystery!" TV series and other quality programming on PBS. Mobil Corporation extensively supports communities and the arts through museum exhibition sponsorship, free museum evenings, free concerts, and youth job and sports programs. In recent years, its corporate sponsorship has included the USA/Mobil Indoor and Outdoor Track and Field Championships, the USA/Mobil Grand Prix, the Mobil 1 Invitational at George Mason University, the international IAAF Mobil Grand Prix, and the Mobil Cotton Bowl Classic.

Mobil Foundation, Inc., the philanthropic arm of Mobil Corporation, supports selected tax-exempt hospitals and health agencies as well as civic, art, cultural, and educational organizations. Noteworthy are a grass roots program in support of arts activities throughout the U.S. and educational improvement initiatives targeted toward academic achievement, dropout reduction and teacher competency.

Mobil Oil Corporation

P.C. BCX 3444
DENVER COLORADO 80202

October 27, 1989

Environmental Protection Agency
999 - 18th Street, Suite 500
Denver, Colorado 80202-2405

Attention: Mr. Thomas J. Pike
UIC Indian Coordinator

Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202

Attention: Mr. Oscar Cabra, Jr.
Chief Water Supply Branch (6W-S)

FEDERAL FINANCIAL RESPONSIBILITY
DEMONSTRATION FOR CLASS II
INJECTION WELLS
INDIAN LANDS

Gentlemen:

Find attached Mobil Oil Corporation's financial calculations and support information as required by the above-referenced EPA document.

This information should be filed with the McElmo Creek and White Mesa Unit Wells which were noted in the inventory list provided to the Denver EPA office on March 19, 1989, and certain unspecified injection wells located in Oklahoma.

Very truly yours,

BOB/mp
Attachments

B. D. Barrett
Assistant Secretary

bcc: R. D. Baker - MEPUS, Dallas, TX
C. G. Gonzalez - MEPUS, Dallas, TX
M. E. Sweeney - MEPUS, Midland, TX
Regulatory - MEPUS, Denver, CO

MOBIL OIL CORPORATION
Financial Ratio Test

E P A UIC Regulations
Financial Responsibility

Shown below, Mobil Oil Corporation meets at least three out of the four financial ratio requirements in 1987 and 1986.

(Millions of dollars)

	<u>1987</u>		<u>1986</u>
a. Current Liabilities	9,260		11,376
----- < 1.0	----- = .95		----- = .88
Net Worth	9,796		12,934
and			
Long term liabilities	9,645		8,778
----- < 2.0	----- = .98		----- = .68
Net Worth	9,796		12,934
b. Current assets less			
Current Liabilities	572		5,436
----- > -.10	----- = .02		----- = .16
Total Assets	28,701		33,088
d. Net Profit > 0	Net Profit = 1.236		= 1.151

10/24/89

SUMMARIZED FINANCIAL DATA (FOR FISCAL YEAR ENDED 12/31/86)

Financial statements and financial statement schedules for Mobil Oil Corporation, Mobil Oil Canada, Ltd., and Mobil Alaska Pipeline Company have been omitted because securities registered pursuant to Section 12(b) of the Securities Exchange Act of 1934 are fully and unconditionally guaranteed by Mobil Corporation. Summarized financial data for Mobil Oil Corporation, Mobil Oil Canada, Ltd., and Mobil Alaska Pipeline Company are presented herein pursuant to Staff Accounting Bulletin 53.

MOBIL OIL CORPORATION

Summarized financial data for Mobil Oil Corporation, a wholly owned subsidiary of Mobil Corporation, follow. The amounts include notes and accounts payable to Mobil Corporation of \$2,166 million in 1988 and \$748 million in 1987, and notes and accounts receivable from Mobil Corporation of \$5,591 million in 1986.

(Millions of dollars)

	1988	1987(1)	1986(1)
At December 31:			
Current assets	\$ 9,419	\$ 9,832	\$16,812
Noncurrent assets	19,831	18,869	16,276
Current liabilities	10,085	9,260	11,376
Long-term debt	5,120	4,003	2,392
Deferred credits and other liabilities	4,260	4,552	3,868
Minority interests, primarily Mobil Corporation.	1,094	1,090	2,518
Net assets	8,691	9,796	12,934
Year Ended December 31:			
Gross revenues	\$52,090	\$49,148	\$42,274
Income before taxes	3,093	2,159	3,419
Cumulative effect of change in accounting Principle (FAS 96)	-	-	(1,169)
Net income	2,017	1,296	1,151

Note:

- (1) Restated to reflect Mobil Corporation's retroactive adoption in the third quarter of 1988 of FAS 96, Accounting for Income Taxes, and FAS 94, Consolidation of All Majority-owned Subsidiaries.

Exh. bit 9a

APR 2 1989

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549-1004

DENVER E&P DIVISION LIBRARY

FORM 10-K

Annual Report Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934

For the Fiscal Year Ended December 31, 1988

Commission File No. 1-7555

MOBIL CORPORATION

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)13-2850309
(I.R.S. Employer
Identification No.)150 East 42nd Street, New York, New York 10017-5666
Telephone: (212) 883-4242
(Address of principal executive offices)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Name of each exchange on which registered
Common Stock, \$2.00 Par Value	New York Stock Exchange
7 1/8% Notes Due 1992	New York Stock Exchange
7 1/4% Notes Due 1991	New York Stock Exchange
7 5/8% Notes Due 1991	New York Stock Exchange
8 1/4% Notes Due 1992	New York Stock Exchange
8 1/2% Debentures Due 2001	New York Stock Exchange
8 5/8% Notes Due 1994	New York Stock Exchange
8.70% Notes Due 1991	New York Stock Exchange
8 3/4% Notes Due 1990	New York Stock Exchange
8 3/4% Notes Due 1991	New York Stock Exchange
9 5/8% Debentures Due 1999 -- Superior	New York Stock Exchange
13.765% Debentures Due 2004	New York Stock Exchange
14.40% Debentures Due 2004	New York Stock Exchange
Guarantee, Mobil Oil Corporation	
4 1/4% Debentures Due 1993	New York Stock Exchange
Guarantee, Mobil Oil Corporation	
7 3/8% Debentures Due 2001	New York Stock Exchange
Guarantee, Mobil Oil Canada, Ltd.	
8 3/8% Notes Due 1993	New York Stock Exchange
Guarantee, Mobil Alaska Pipeline Company	
8.45% Debentures Due 2005	New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes X . No .

As of March 13, 1989, the number of shares outstanding of the registrant's common stock, all of which comprise a single class, was 410,328,228 and the aggregate market value of voting stock held by nonaffiliates of the registrant was \$20,340,127,565.

Parts I and II incorporate information by reference from the Annual Report to Shareholders for the year ended December 31, 1988. Part III is incorporated by reference from the proxy statement for the annual meeting of shareholders to be held on May 11, 1989.

RECEIVED

APR 28 1989

G. A. CRESSWELL

PART I

Item 1. Business.

Mobil Corporation (Mobil) was incorporated in March 1976 in the state of Delaware with the intent of operating primarily as a holding company. Mobil's principal business, which is conducted primarily through wholly owned subsidiaries, Mobil Oil Corporation (Mobil Oil), Mobil Exploration and Producing North America, Inc. (MEPNA), Mobil Oil Exploration & Producing Southeast Inc. (MOEPSI), and Mobil Producing Texas & New Mexico Inc. (MPTM), is in the U.S. and international energy industries. Mobil is also a manufacturer and marketer of plastics, petrochemicals, and specialty chemical products. Mobil, through its subsidiaries, has business interests in over 100 countries and employed approximately 69,600 people worldwide at December 31, 1988.

On June 23, 1988, Mobil announced the completion of the sale of Montgomery Ward & Co., Incorporated (Montgomery Ward) to an investor group including Montgomery Ward senior management, General Electric Capital Corporation, and Kidder, Peabody & Co. At closing, Mobil received a cash payment of approximately \$1.6 billion. This payment included an adjustment to the purchase price that reflected Mobil's interest in Montgomery Ward up to the closing date.

Mobil Oil conducts an integrated petroleum business in the United States, and has many affiliates throughout the world - separately incorporated and independently operated - that are engaged in petroleum operations. Some of its affiliates also engage in the manufacture and marketing of chemicals. MEPNA is primarily engaged in exploration and producing operations in the United States and Indonesia, and holds a minority interest in Mobil Oil's exploration and producing operations in Canada. MOEPSI and MPTM are primarily engaged in exploration and producing operations in the United States.

Mobil Oil Canada, Ltd. (Mobil Canada) is an indirect subsidiary of Mobil, which is the owner of all of Mobil Canada's outstanding common stock and 85% of its outstanding preferred stock. Mobil Canada was incorporated in Canada on June 15, 1962, and is continued under the Canada Business Corporations Act. Its principal activity is the exploration and production of hydrocarbons in Canada's onshore Provinces and Territories as well as offshore Canadian Federal lands. Mobil Canada markets crude oil, condensate, and liquefied petroleum gases (principally propane and butane) to third party refiners and distributors in Canada as well as to affiliated Mobil marketing and refining companies in the U.S. It sells natural gas to gas transmission companies and others primarily in Canada.

Mobil Alaska Pipeline Company (Mobil Alaska), a wholly owned subsidiary of Mobil Oil, is the owner of an undivided interest (4.085% of the pipeline facilities and 5% of the terminal tankage) in the Trans Alaska Pipeline System (TAPS). TAPS is a 48-inch pipeline system that moves crude oil approximately 800 miles from the oil fields on Alaska's North Slope to the port of Valdez on the southern coast of Alaska.

Mobil makes no representations as to the future trend of its business and earnings, or as to future events and developments that could affect the oil industry in particular and that may affect other businesses in which Mobil is directly or indirectly engaged. These include such matters as the divestiture of certain operations, environmental quality control standards, oil imports, new discoveries of hydrocarbons, and the demand for petroleum products. Furthermore, Mobil's business could be affected by future price changes or controls, material and labor costs, legislation, taxes, labor conditions, transportation regulations, tariffs, litigation, embargoes, foreign exchange restrictions, and changes in foreign currency exchange rates. Mobil and Mobil Oil have direct and indirect investments and interests in enterprises in many foreign countries and make no representation as to future international developments, which may have a profound effect on business enterprises, domestic and foreign, throughout the world.

Segment and geographic data for 1988, 1987, and 1986 are included under

"Distribution of Earnings and Assets" in Mobil's 1988 Annual Report to Shareholders on pages 31 through 33, incorporated herein by reference.

PETROLEUM OPERATIONS

Net sales of Mobil's petroleum operations:

(Millions of dollars)	1988	1987	1986
Refined petroleum products	\$30,935	\$29,689	\$26,322
Crude oil	7,672	8,702	6,162
Natural gas	3,496	3,517	2,983
Other products	783	333	572
	-----	-----	-----
Net Sales to Trade	\$42,886	\$42,241	\$36,039
	-----	-----	-----

The following tables present Mobil's gross and net production from properties in which it has a working or royalty interest, its equity share of the production of its partly owned affiliates, and quantities received under special arrangements, under which Mobil buys significant volumes of government-owned crude oil in those countries where governments have acquired interests in producing operations. Net production excludes royalties and quantities due others when produced, whether taken in kind or settled in cash.

(Thousands of barrels a day)	Crude Oil and Natural Gas Liquids Production					
	1988		1987		1986	
	Gross	Net	Gross	Net	Gross	Net
Fully consolidated companies						
United States	384	329	389	338	396	342
Canada and Other Western Hemisphere ...	98	79	103	84	99	81
Europe	175	153	169	146	176	152
Indonesia	63	63	49	49	50	50
Other Eastern Hemisphere	81	66	71	57	91	74
	-----	---	-----	---	-----	---
Total Consolidated	801	690	781	674	812	699
	-----	---	-----	---	-----	---
Mobil's share of production of investees accounted for on the equity method						
Europe	2	2	2	2	3	2
Other Eastern Hemisphere	49	43	39	33	32	26
	-----	---	-----	---	-----	---
Total Equity Method	51	45	41	35	35	28
	-----	---	-----	---	-----	---
Total Consolidated/Equity Method	852	735	822	709	847	727
	-----	---	-----	---	-----	---
Other Eastern Hemisphere quantities received under special arrangements						
in which Mobil acts as a producer ...	12		20		86	
Other	525		437		373	
	-----		-----		-----	
Total	537		457		459	
	-----		-----		-----	
Worldwide	1,389		1,279		1,306	
	-----		-----		-----	

(Millions of cubic feet a day)	Natural Gas Production					
	1988		1987		1986	
	Gross	Net	Gross	Net	Gross	Net
Fully consolidated companies						
United States	2,105	1,790	2,135	1,799	1,772	1,498
Canada and Other Western Hemisphere.	557	464	434	362	433	356
Europe	667	617	717	595	567	462
Indonesia.....	1,353	1,353	1,256	1,256	1,072	1,072
Total Consolidated	4,682	4,224	4,542	4,012	3,844	3,388
Mobil's share of production of investees accounted for on the equity method						
Europe	30	26	24	20	24	20
Other Eastern Hemisphere	28	28	20	20	26	26
Total Equity Method	58	54	44	40	50	46
Total Consolidated/Equity Method	4,740	4,278	4,586	4,052	3,894	3,434
Long-Term Purchase Contract	36		27		25	
Worldwide	4,776		4,613		3,919	

The following table shows Mobil's average sales price/transfer value (transfer values are essentially equal to third-party sales prices) and average production costs in oil and gas producing activities in 1988, 1987, and 1986. In calculating the "dollar per barrel" data, the divisor used includes net production in the United States and Canada and gross production in foreign operations other than Canada. Natural gas was converted to oil equivalent barrels on a BTU basis. Income tax expense excludes the effect under FAS 96, Accounting for Income Taxes, of U.S. and significant foreign income tax rate changes.

	United States	Canada	Foreign Europe	Other	Worldwide
Results Per Unit of Production:					
1988					
Revenues:					
Crude oil and NGL (per barrel) ..	\$12.48	\$12.63	\$14.66	\$13.27	\$13.17
Natural gas (per thousand cubic feet)	\$ 1.89	\$ 1.22	\$ 2.35	\$ 2.27	\$ 1.99
Total (per barrel of oil equivalent)	\$11.56	\$ 9.70	\$14.08	\$12.98	\$12.20
Production (lifting) costs	(5.11)	(4.47)	(5.99)	(2.64)	(4.63)
Exploration expenses	(1.02)	(3.17)	(1.96)	(.65)	(1.36)
Depreciation, depletion, and amortization	(5.70)	(3.87)	(3.35)	(.56)	(3.79)
Other revenues, net .....	.80	3.03	1.35	.54	1.09
Income tax expense .....	.02	(.58)	(1.51)	(6.25)	(1.85)
Results of operations for producing activities	\$.55	\$.64	\$ 2.62	\$ 3.42	\$ 1.66
Mobil's share of results of operations for producing activities of investees accounted for on the equity method	\$ -	\$ -	\$ 1.51	\$ 1.34	\$ 1.36

	United States	----- Canada	----- Foreign Europe	----- Other	World- wide
Results Per Unit of Production:					
1987					
Revenues:					
Crude oil and NGL (per barrel) ..	\$15.25	\$15.95	\$17.88	\$16.37	\$16.13
Natural gas (per thousand cubic feet).....	\$ 1.77	\$ 1.30	\$ 2.47	\$ 2.52	\$ 2.05
	-----	-----	-----	-----	-----
Total (per barrel of oil equivalent)	\$12.67	\$12.16	\$16.17	\$15.01	\$13.84
Production (lifting) costs	(4.36)	(4.63)	(6.44)	(2.76)	(4.46)
Exploration expenses	(.91)	(1.00)	(1.57)	(.75)	(1.02)
Depreciation, depletion, and amortization	(5.31)	(2.81)	(3.10)	(.75)	(3.60)
Other revenues, net	1.40	.83	.73	1.00	1.12
Income tax expense (1).....	(1.37)	(2.30)	(1.86)	(7.34)	(2.88)
	-----	-----	-----	-----	-----
Results of operations for producing activities	\$ 2.12	\$ 2.25	\$ 3.93	\$ 4.41	\$ 3.00
	-----	-----	-----	-----	-----
Mobil's share of results of oper- ations for producing activities of investees accounted for on the equity method	\$ -	\$ -	\$.43	\$ 1.45	\$ 1.31
	-----	-----	-----	-----	-----
1986					
Revenues:					
Crude oil and NGL (per barrel) ..	\$13.37	\$13.13	\$13.91	\$13.05	\$13.39
Natural gas (per thousand cubic feet).....	\$ 1.96	\$ 1.52	\$ 3.11	\$ 1.73	\$ 2.03
	-----	-----	-----	-----	-----
Total (per barrel of oil equivalent)	\$12.34	\$11.04	\$15.22	\$11.39	\$12.52
Production (lifting) costs	(5.59)	(5.08)	(6.10)	(3.22)	(5.00)
Exploration expenses	(1.12)	(1.28)	(1.66)	(.62)	(1.11)
Depreciation, depletion, and amortization	(5.22)	(3.13)	(2.68)	(.93)	(3.35)
Other revenues, net .....	.14	1.22	.91	2.28	.98
Income tax expense (1).....	(.16)	(1.06)	(2.71)	(5.61)	(2.23)
	-----	-----	-----	-----	-----
Results of operations for producing activities	\$.39	\$ 1.71	\$ 2.98	\$ 3.29	\$ 1.81
	-----	-----	-----	-----	-----
Mobil's share of results of oper- ations for producing activities of investees accounted for on the equity method	\$ -	\$ -	\$.40	\$.95	\$.87
	-----	-----	-----	-----	-----

(1) Restated to reflect the adoption of FAS 96, Accounting for Income Taxes.

Mobil's productive wells and developed acreage of consolidated companies at December 31, 1988, were as follows:

	Productive Wells				Developed Acreage	
	Gross		Net		(Thousands of Acres)	
	Oil	Gas	Oil	Gas	Gross	Net
United States	39,769	6,749	15,429	4,075	4,636	2,735
	-----	-----	-----	-----	-----	-----
Foreign						
Canada and Other						
Western Hemisphere ...	8,034	3,217	2,378	917	4,268	1,914
Europe	1,328	447	484	141	1,352	337
Other Eastern Hemisphere	211	47	84	47	1,217	500
	-----	-----	-----	-----	-----	-----
Total Foreign	9,573	3,711	2,946	1,105	6,837	2,751
	-----	-----	-----	-----	-----	-----
Total	49,342	10,460	18,375	5,180	11,473	5,486
	-----	-----	-----	-----	-----	-----
Multiple completions						
included above	857	1,231	523	481		
	-----	-----	-----	-----		

Mobil's exploratory and development drilling activities at December 31, 1988, included 75 gross wells (30 net wells) in process of drilling and 539 gross improved recovery projects (218 net improved recovery projects) in operation or being installed by consolidated companies.

Significant developments in 1988 in Mobil's exploration and producing program included the following:

Worldwide: Daily gross production of crude oil and natural gas liquids averaged 852 thousand barrels in 1988, up from 822 thousand barrels in 1987. Gross natural gas production also increased to 4,740 million cubic feet a day in 1988, up from 4,586 million cubic feet a day in 1987. Proved oil and gas reserve additions replaced 107% of 1988 production.

United States: Mobil acquired Newmont Mining's U.S. oil and gas working interests for \$130 million in October 1988. With daily production of about 2 thousand barrels of crude oil and 42 million cubic feet of natural gas, the acquisition fits well with Mobil's U.S. operations and brings the potential of additional reserves. Mobil has maintained an active program of selling small marginal properties and has reinvested the proceeds in acquisitions, such as Newmont, as well as other exploration and producing projects, with attractive rates of return. Proved reserve additions replaced 133% of total U.S. oil and gas production in 1988. This was achieved primarily through reservoir management efforts, with the largest additions stemming from California heavy oil steamflood projects. Gross crude oil and natural gas liquids production held up despite sales of marginal fields, declining slightly to 384 thousand barrels a day in 1988, compared with 389 thousand barrels a day in 1987. Daily gross natural gas production of 2,105 million cubic feet for 1988 was down 30 million cubic feet from 1987. Production commenced from the first four wells of the Mary Ann field (Mobil 98%), Mobil's giant natural gas field in Mobile Bay, offshore Alabama. Daily gross production from the field, which contains approximately 470 billion cubic feet

of gross proved reserves, is now about 35 million cubic feet. Production should reach the treatment-plant capacity of 80 million cubic feet a day in 1989. Mobil is also planning to develop additional large reserves that it has in the area. The new Alabama production supports Mobil's strategy of emphasizing U.S. natural gas marketing. Mobil has become one of the leading gas marketers in the United States.

Canada: Mobil and its partners signed a statement of principle with the governments of Canada and Newfoundland that could lead to development of the Hibernia oil field, offshore Newfoundland. Mobil holds a 28.1% interest in the project. Mobil earned an interest in the large Caroline gas/condensate field in Alberta by participating in a significant exploratory well that confirmed the extension of the field. Mobil's daily gross production of natural gas increased 29% to 550 million cubic feet in 1988, up from 425 million cubic feet in 1987. Daily gross crude oil and NGL production declined slightly to 98 thousand barrels in 1988, compared with 103 thousand barrels in 1987.

Norway: In the Norwegian sector of the North Sea, Mobil's share of gross crude oil production, mainly from the Statfjord field (Mobil 12.6%), was 91 thousand barrels a day in 1988, compared with 92 thousand barrels a day in 1987. Production from the Oseberg field (Mobil 4.2%) commenced in December 1988 with Mobil's share currently averaging 10 thousand barrels of crude oil a day.

United Kingdom: Production, exploration, and development activities continued in the United Kingdom sector of the North Sea. Mobil's share of average daily gross crude oil production was 69 thousand barrels in 1988, up 15% from the 1987 average. This increase was primarily attributable to the Beryl field (Mobil 50%) where a successful reservoir waterflood project was implemented and to a full year's production from two satellite wells in the Ness field (Mobil 50%), produced through the Beryl facility. The U.K.'s daily gross natural gas production averaged 147 million cubic feet in 1988, compared with 168 million cubic feet in 1987. The U.K.'s Southern North Sea Gas Basin continues to be one of Mobil's most successful areas. The first stage development of the Camelot field (Mobil 100%) is now under way with initial production of 70 million cubic feet a day expected by late 1989. A successful appraisal drilling program was completed in the Gawain field (Mobil 60%) and continues in the Lancelot field (Mobil 60%). Mobil is the largest net acreage holder in the Southern Gas Basin and is strategically poised for growth in the U.K. gas market.

Nigeria: The large offshore Edop field (Mobil 40%) came on production in late 1987 with Mobil's share reaching 12 thousand barrels of crude oil a day. The field has the potential for producing 60 thousand barrels a day (Mobil's share) and would be Nigeria's largest producer. Negotiations continue with the government and lending institutions for the development of the offshore Oso field (Mobil 40%). The planned start-up for this field is 1992, with Mobil's share of production targeted at 40 thousand barrels of condensate a day. A 40% working interest in a new license offshore was awarded in 1988.

Indonesia: Mobil's joint-operated liquefied natural gas (LNG) plant with Pertamina, the state oil and gas company that owns the facility, processed

-----Foreign-----						
Other Eastern Hemi- Total sphere Foreign Total						
	U.S.	Canada	Europe			
1987						
Exploratory wells						
Productive	69	18	14	1	33	102
Dry	29	8	8	4	20	49
Development wells						
Productive	528	70	7	8	85	613
Dry	20	3	1	-	4	24
1986						
Exploratory wells						
Productive	82	43	7	-	50	132
Dry	91	40	8	6	54	145
Development wells						
Productive	548	73	13	11	97	645
Dry	33	3	1	1	5	38

Reserves

For reserve information, see "Supplementary Oil and Gas Producing Disclosures," incorporated herein by reference from pages 44 through 50 of Mobil Corporation's 1988 Annual Report to Shareholders.

Mobil is required to report reserve estimates from time to time to various United States federal government agencies and commissions. In addition to the data furnished to the Securities and Exchange Commission, the following reports were filed during 1988:

(A) Mobil filed a report covering the year 1987 with the U.S. Department of Energy, Energy Information Administration, under the Financial Reporting System of that agency. Included were estimated summary proved hydrocarbon reserves (crude oil, natural gas, and natural gas liquids) for gross and net working interest properties, royalty interest properties, and proportional interest in investee reserves. Also reported were summary domestic coal reserves and summary domestic uranium reserves. Reserve data were reported on a geographical basis. Coal reserves included those owned, controlled, or leased and were categorized as surface or underground.

(B) Mobil, on behalf of Mobil Oil, MEPNA, MOEPSI, and MPTM, filed with the U.S. Department of Energy, Report EIA-23, Annual Survey of Domestic Oil and Gas Reserves, covering the year 1987. The filing included summary domestic crude oil, lease condensate, and dry natural gas total company-operated reserves reported on a state or geographical subdivision basis. The filing also included a further breakdown by state subdivision and by field for crude oil and dry natural gas and lease condensate on a total company-operated basis.

The reporting of reserves to United States federal government agencies within the past twelve months was as of December 31, 1987, unless requested otherwise.

Tankers

At December 31, 1988, Mobil owned 34 ocean-going tankers with an aggregate of 4,139 thousand deadweight tons, of which 2, aggregating 174 thousand deadweight tons, were registered in the United States and the remainder in various foreign countries. An additional 5 tankers, aggregating 326 thousand deadweight tons, were under term charter.

Pipelines

At December 31, 1988, Mobil's U.S. pipeline system, including partly owned facilities, consisted of 17,443 miles of crude oil, natural gas liquids, natural gas, and carbon dioxide trunk and gathering lines, and 8,259 miles of product lines. Also at that date, Mobil's pipeline system outside the U.S., including partly owned facilities, consisted of 9,192 miles of crude oil, natural gas liquids, and natural gas trunk and gathering lines, and 1,960 miles of product lines.

Refining

At December 31, 1988, Mobil owned or had an operating interest in 28 refineries in 18 countries. Mobil's share of crude oil refinery capacity was 2,142 thousand barrels a day, 388 of which was located in the United States.

During 1988 Mobil purchased a 145,000 barrel-a-day refinery in Chalmette, Louisiana, and sold its 77,000 barrel-a-day Ferndale refinery in Washington.

The following table lists the refinery runs for Mobil's account in both wholly and partly owned refineries and under processing agreements in facilities owned by others, for the years indicated, in thousands of barrels a day:

	Refinery Runs		
	Year Ended December 31,		
	1988	1987	1986
United States	650	645	643
Europe	446	403	457
Far East and Australasia	375	330	308
Other foreign	175	185	137
	-----	-----	-----
Worldwide	1,646	1,563	1,545
	=====	=====	=====

Marketing

Mobil's petroleum products are marketed extensively in the United States and in more than 100 other countries. It has 26,020 retail dealer outlets, 438 of which are located in the United States. Petroleum products include automotive and aviation gasolines, motor oils and greases, industrial lubricants and greases, marine fuels, jet fuels, lubricants, fuel oil, diesel oil, kerosine, asphalts, naphthas, solvents, waxes, and liquefied petroleum gas. The principal brand names identifying Mobil Oil's products are "Mobil Unleaded," "Mobil Super Unleaded+," "Mobil Special," "Mobil Regular," and "Mobil Premium" gasolines, "Mobiloil," "Mobilheat," "Mobilgrease," "Mobil 1," "Delvac 1," and "Mobil" industrial and marine lubricants and process products.

Mobil's petroleum product sales volumes are shown below, for the years indicated, in thousands of barrels a day:

	Petroleum Product Sales By Category		
	Year Ended December 31,		
	1988	1987	1986
Automotive gasoline	1,008	950	901
Distillate and jet fuels	895	830	798
Residual fuels	288	265	278
Other products	334	317	297
	-----	-----	-----
Worldwide	2,525	2,362	2,274
	=====	=====	=====

The following table shows the geographical distribution of petroleum product sales, for the years indicated, in thousands of barrels a day:

	1988	1987	1986
United States.....	927	865	841
Europe	782	720	721
Far East and Australasia	492	465	448
Other foreign	324	312	264
	-----	-----	-----
Worldwide	2,525	2,362	2,274
	=====	=====	=====

CHEMICAL

At December 31, 1988, Mobil owned or had an interest in the following U. S. and foreign chemical facilities:

Type of Facility	United States	Foreign(1)	Total
Plastics	15	5	20
Petrochemicals	10	9	19
Chemical products	2	-	2
Research and development	3	-	3
	---	---	---
Total Number of Facilities	30	14	44
	---	---	---

(1) Includes 8 partly owned facilities.

In early 1988 Mobil purchased an ethylene plant in Houston, Texas.

The principal chemical products include: plastics used in the home and in packaging by industry, basic petrochemicals sold to producers of plastics, synthetic fibers, and other chemical products. The principal brand names identifying Mobil Chemical's products are "Hefty," "Kordite," and "Baggies."

The following table sets forth sales of chemical products, for the years indicated, in millions of dollars:

	Year Ended December 31,		
	1988	1987	1986
Plastics	\$1,711	\$1,514	\$1,274
Petrochemicals	2,179	1,239	990
Other	32	25	26
	-----	-----	-----
Net Sales to Trade	\$3,922	\$2,778	\$2,290
	=====	=====	=====

MINING AND MINERALS

Mobil's phosphate minerals activities are carried out in the United States. Phosphate rock production totaled 2.8 million tons in 1988; net proved and probable reserves were 137 million tons at December 31, 1988. Phosphate minerals net sales to trade were \$201.7 million in 1988, \$159.4 million in 1987, and \$132.2 million in 1986.

Mobil's coal activities are carried on in the United States primarily by Mobil Coal Producing Inc. and Mobil Mineral Resources Inc. Mobil has various coal properties, mainly in the western United States and in Illinois, with proved and probable reserves of 2,058 million tons at December 31, 1988. Coal net sales to trade were \$29.7 million in 1988, \$23.7 million in 1987, and \$19.9 million in 1986. Quantities sold were 7,127 thousand tons in 1988, 6,488 thousand tons in 1987, and 4,014 thousand tons in 1986.

Mobil is the majority shareholder in a coal exploration venture in Indonesia.

REAL ESTATE

Mobil Land Development Corporation carries on Mobil's real estate activities in the United States. Mobil has various properties in Virginia, Georgia, Florida, Colorado, California, Texas, and Arizona. Land sales to trade were \$194 million in 1988, \$106 million in 1987, and \$156 million in 1986.

Mobil is a 90% partner in an office building venture in Arlington, Virginia, and a 50% partner in a town center development in Reston, Virginia.

RESEARCH

Mobil is engaged in research and related activities, principally in laboratories in the United States, France, Germany, Italy, the United Kingdom, and Japan. These activities include providing new technology to find and produce petroleum, to manufacture fuels, lubricants, and chemicals, and to convert sunlight directly into electricity; research on environmental protection and product safety; and technical assistance to users of Mobil technology and products. Annual research expense was \$230.4 million in 1988, \$230.1 million in 1987, and \$227.9 million in 1986.

ENVIRONMENTAL PROTECTION

Environmental laws and regulations are having an increasing impact upon Mobil's operations in nearly all the countries in which it operates. It is impossible to predict accurately the effect such developments may have on future earnings and operations, but it will continue to be necessary to incur substantial costs in complying with these laws and regulations. Mobil expended approximately \$670 million in 1988 for environmental protection in its worldwide operations, of which about \$305 million was for capital expenditures. Expenditures reflect the reporting guidelines developed by the American Petroleum Institute and include capital and operating costs for control of the discharge of materials into the environment, for meeting new requirements imposed on Mobil's products, and for other activities relating to the protection of the environment. During 1989 capital expenditures for environmental protection are expected to be higher than in 1988.

Mobil and some of its subsidiaries and affiliates are parties to numerous proceedings instituted by governmental authorities and others under provisions of applicable laws or regulations relating to the discharge of materials into the environment or to the protection of the environment. None of these proceedings is individually or in the aggregate material in relation to the financial condition or business of Mobil or any one subsidiary or affiliate.

Item 2. Properties.

Mobil and its subsidiaries own, lease, or have interests in extensive production, manufacturing, marketing, transportation, and other facilities worldwide. Information on these properties has been incorporated into "Item 1. Business."

Item 3. Legal Proceedings.

Environmental Litigation

Mobil periodically receives notices from the Environmental Protection Agency (EPA) or equivalent agencies at the state level that Mobil is a "potentially responsible party" under the Superfund or equivalent state legislation with respect to various waste disposal sites. These sites are still under investigation by the EPA or the state agencies concerned, and no more specific claims or assertions of liability against Mobil have been made. Mobil has also been named as a defendant in various suits brought by private parties alleging injury from disposal of wastes at these sites. The ultimate impact of these proceedings on the business or accounts of Mobil cannot be predicted at this time due to the large number of other potentially responsible parties and the speculative nature of clean-up cost estimates, but it is not expected to be material.

The foregoing proceedings are not material in relation to the consolidated financial condition or business of Mobil and would not be reported but for the instructions to Item 103 of Regulation S-K, which require disclosure of such matters although not material.

Other Than Environmental Litigation

Mobil and its subsidiaries are engaged in various litigation and have a number of unresolved claims pending. While the amounts claimed are substantial and the ultimate liability in respect of such litigation and claims cannot be determined at this time, Mobil is of the opinion that such liability, to the extent not provided for through insurance or otherwise, is not likely to be of material importance in relation to Mobil's accounts.

Item 4. Submission of Matters to a Vote of Security Holders.

None.

PART II

Item 5. Market for Registrant's Common Stock and Related Stockholder Matters.

Mobil's 1988 Annual Report to Shareholders includes on page 26 the reported high and low sales prices of Mobil Corporation common stock and dividends paid by quarter for the past two years, and such information is incorporated herein by reference. The reported prices represent a composite of transactions on the New York Stock Exchange (the principal market for the stock), six regional exchanges, and the over-the-counter market.

The last reported sales price of Mobil Corporation common stock on March 13, 1989, as reported by The Wall Street Journal, was \$49 5/8 per share.

The approximate number of equity security holders on March 13, 1989, was 235,740.

Item 6. Selected Financial Data.

The selected financial data are included in the Five-Year Financial Summary appearing on page 21 of Mobil's 1988 Annual Report to Shareholders, and such selected financial data are incorporated herein by reference.

Item 7. Management's Discussion and Analysis of Results of Operations and Financial Condition.

Management's discussion and analysis of results of operations and financial condition is included in the Financial Commentary appearing on pages 24 through 27 of Mobil's 1988 Annual Report to Shareholders, and such information is incorporated herein by reference.

Item 8. Financial Statements and Supplementary Data.

See page 16 for a list of the financial statements and supplementary data including those incorporated herein by reference from Mobil's 1988 Annual Report to Shareholders.

Item 9. Changes in and disagreements with Accountants on Accounting and Financial Disclosure.

None.

PART III

Item 10. Directors and Executive Officers of the Registrant.

Listed below are the names and ages of the Executive Officers of Mobil Corporation as of March 13, 1989, and the position(s) each of them has held during the past five years:

Name	Position
Rex D. Adams (Age 49)	- Vice President since June 1, 1988 responsible for Administration; Vice President, Employee Relations from 1986 to 1988; Vice President, Employee Relations of Mobil Oil from 1984 to 1988; General Manager - Employee Relations, Corporate Employee Relations from 1983 to 1984.
Dede T. Bartlett (Age 45)	- Corporate Secretary and Secretary of the Board of Directors and Executive Committee since June 1, 1987; President of Mobil Foundation, Assistant Secretary and Assistant to Chairman from 1985 to June 1987; Assistant to Chairman and Assistant Secretary 1984; Corporate Secretary from 1982 to 1983.
J. Edward Fowler (Age 57)	- General Counsel since May 8, 1986; General Counsel, Marketing and Refining Division, from March 1983 to May 1986; Associate General Counsel, Mobil Oil, prior to March 1983.
R. Hartwell Gardner (Age 54)	- Treasurer since March 12, 1976; Treasurer of Mobil Oil since January 1, 1974.
John P. Keehan (Age 54)	- Vice President since October 1, 1988 responsible for Planning and Economics; Vice President of Mobil Oil's Producing, Exploration & Producing Division from 1986 to 1988; Vice President of Producing Operations, Exploration and Producing Division from 1985 to 1986; General Manager Producing, Exploration and Producing Division from 1980 - 1985.
Allen E. Murray (Age 60)	- Chairman of the Board and Chief Executive Officer since February 1, 1986; President and Chief Operating Officer since 1984; Chairman of the Board and Chief Executive Officer of Mobil Oil since 1986; President of Mobil Oil from 1983 to 1986; and President of Mobil Oil's Marketing and Refining Division from 1979 to 1983.
Robert C. Musser (Age 48)	- Controller since June 1, 1988; Controller/Treasurer of Exploration & Producing Division from 1987 to 1988; Controller/Treasurer of Marketing & Refining Division from 1985 to 1987; General Manager of Corporate Systems & Computer Services from 1980 to 1985.
Lucio A. Noto (Age 50)	- Chief Financial Officer since January 1, 1989; Vice President since 1986; Vice President - Finance for Mobil and Mobil Oil Corporation since 1988; Vice President - Planning and Economics of Mobil and Mobil Oil Corporation from 1986 to 1988; and Executive Officer in Middle East Affairs from 1977 to 1986.
James O. Riordan (Age 61)	- Vice Chairman of the Board since February 1, 1986; Chief Financial Officer from February 1, 1986 to January 1, 1989; and Senior Vice President from 1976 to 1986.
Richard F. Tucker (Age 62)	- Vice Chairman of the Board since February 1, 1986; President and Chief Operating Officer of Mobil Oil since February 1, 1986; President of Mobil Diversified Businesses from 1983 to 1986; and President of Mobil Chemical Company from 1975 to 1983.
Robert G. Weeks (Age 52)	- Senior Vice President since May 12, 1988 with responsibility for Public Affairs, Mobil Chemical Company, Mobil Mining and Minerals Company, Mobil Land Development Corporation and Mobil Solar Energy Corporation; President of Mobil Chemical Company from 1986 to 1988; Executive Vice President of the Marketing and Refining Division from 1980 until 1986.

Information as to Directors required by this item is included in Item 1 on pages 4 through 8 of Mobil's definitive proxy statement filed with the Commission on March 20, 1989, and is incorporated herein by reference.

Item 11. Executive Compensation.

Information required by this item is included on pages 9 and 19 through 24 of Mobil's definitive proxy statement filed with the Commission on March 20, 1989, and is incorporated herein by reference.

Item 12. Security Ownership of Certain Beneficial Owners and Management.

The information required by this item is included on page 19 of Mobil's definitive proxy statement filed with the Commission on March 20, 1989, and is incorporated herein by reference.

Item 13. Certain Relationships and Related Transactions.

None.

PART IV**Item 14. Exhibits, Index to Financial Statements and Financial Statement Schedules, and Reports on Form 8-K.**

Mobil's consolidated financial statements, together with the report thereon of Arthur Young & Company, dated March 1, 1989, appearing on pages 28 through 43 and Supplementary Information appearing on pages 44 through 51 of Mobil's 1988 Annual Report to Shareholders are incorporated herein by reference. With the exception of the aforementioned information, no other data appearing in Mobil's 1988 Annual Report to Shareholders are deemed to be filed as part of this Annual Report under Items 8 and 14.

Page references below preceded by "AR" refer to Mobil's 1988 Annual Report to Shareholders.

	Page Reference -----
(a)1. Financial Statements.	
Reports of Independent Public Accountants -	
Arthur Young & Company	AR-43
Arthur Andersen & Co.	18
Consolidated Statement of Income	AR-28
Consolidated Statement of Changes in Shareholders' Equity	AR-28
Consolidated Balance Sheet	AR-29
Consolidated Statement of Cash Flows	AR-30
Distribution of Earnings and Assets	AR-31
Notes to Financial Statements	AR-34
Supplementary Information	AR-44
Summarized Financial Data -	
Mobil Oil Corporation	19
Mobil Oil Canada, Ltd.	20
Mobil Alaska Pipeline Company.....	20
2. Financial Statement Schedules.	
Schedule V - Consolidated Properties, Plants, and Equipment	21
Schedule VI - Consolidated Accumulated Depreciation, Depletion, and Amortization of Properties, Plants, and Equipment	22
Schedule VII - Consolidated Guarantees of Securities of Other Issuers	23
Schedule VIII - Consolidated Reserves	24
Schedule IX - Short-Term Borrowings	25

Schedules not included above have been omitted because they are not

applicable, not required, not material, or the required information is given in the financial statements or notes thereto or combined with the information presented in other schedules.

3. Exhibits.

3.1 Restated Certificate of Incorporation of Mobil Corporation, dated February 22, 1985, incorporated by reference to Exhibit 3.1 to the Form 10-K filed March 29, 1985.

3.2 Amendment to the Restated Certificate of Incorporation of Mobil Corporation, dated May 19, 1987, incorporated by reference to Exhibit 3.1 to the Form S-8 (S.E.C. File No. 33-18130) filed October 30, 1987.

3.3 Copy of By-laws of Mobil Corporation, as amended to February 1, 1986, incorporated by reference to Exhibit 3.2 to Form 10-K filed March 28, 1986.

10. Copy of the 1986 Mobil Incentive Compensation and Stock Option Plan, incorporated by reference to Exhibit 15 to the Registration Statement on Form S-8 (S.E.C. File No. 33-5797) filed May 20, 1986.

12. Computation of Ratio of Earnings to Fixed Charges (unaudited).

13. Copy of the 1988 Mobil Corporation Annual Report to Shareholders, mailed March 20, 1989, pursuant to Rule 14a-3(c), incorporated by reference to Exhibit 13. to the Form SE filed March 22, 1989.

22. Subsidiaries of the Registrant.

24.1 Consent of Arthur Young & Company, independent public accountants, dated March 31, 1989.

24.2 Consent of Arthur Andersen & Co., independent public accountants, dated March 31, 1989.

25. Power of Attorney, dated February 24, 1989, executed by the Directors and Officers of Mobil Corporation authorizing execution of Annual Report on Form 10-K and Registration Statements on Form S-8.

28. Definitive proxy statement filed March 20, 1989, pursuant to Regulation 14A, Incorporated by reference.

(b) Reports on Form 8-K.

Form 8-K, dated November 22, 1988 - covering the restatement of Mobil Corporation's consolidated financial statements as a result of adopting FAS 96, Accounting for Income Taxes, and FAS 94, Consolidation of All Majority-owned Subsidiaries, as well as to reflect Montgomery Ward & Co., Incorporated as a discontinued operation.

(c) Exhibits.

As listed under (a) 3, above. Exhibits 22., 24.1, 24.2, and 25. are filed herewith.

REPORT OF INDEPENDENT PUBLIC ACCOUNTANTS

Board of Directors
Marcor Inc.

We have examined the consolidated balance sheet of Marcor Inc. (a Delaware corporation and a wholly owned subsidiary of Mobil Corporation) as of December 31, 1987, and the related consolidated statements of income, shareholder's equity and changes in financial position for each of the two years in the period ended December 31, 1987, none of which are shown separately herein. Our examinations were made in accordance with generally accepted auditing standards and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the financial statements referred to above present fairly the financial position of Marcor Inc. as of December 31, 1987, and the results of its operations and the changes in its financial position, for each of the two years in the period ended December 31, 1987, in conformity with generally accepted accounting principles which, except for the change (with which we concur) made in the method of accounting for pension costs (Note 9), have been applied on a consistent basis.

ARTHUR ANDERSEN & CO.
Arthur Andersen & Co.

Chicago, Illinois,
February 9, 1988 (except with respect to the matter discussed in Note 17, as to which the date is March 6, 1988).

SUMMARIZED FINANCIAL DATA

Financial statements and financial statement schedules for Mobil Oil Corporation, Mobil Oil Canada, Ltd., and Mobil Alaska Pipeline Company have been omitted because securities registered pursuant to Section 12(b) of the Securities Exchange Act of 1934 are fully and unconditionally guaranteed by Mobil Corporation. Summarized financial data for Mobil Oil Corporation, Mobil Oil Canada, Ltd., and Mobil Alaska Pipeline Company are presented herein pursuant to Staff Accounting Bulletin 53.

MOBIL OIL CORPORATION

Summarized financial data for Mobil Oil Corporation, a wholly owned subsidiary of Mobil Corporation, follow. The amounts include notes and accounts payable to Mobil Corporation of \$2,166 million in 1988 and \$748 million in 1987, and notes and accounts receivable from Mobil Corporation of \$5,591 million in 1986.

(Millions of dollars)	1988	1987(1)	1986(1)
	----	-----	-----
At December 31:			
Current assets	\$ 9,419	\$ 9,832	\$16,812
Noncurrent assets	19,831	18,869	16,276
Current liabilities	10,085	9,260	11,376
Long-term debt	5,120	4,003	2,392
Deferred credits and other liabilities	4,260	4,552	3,868
Minority interests, primarily Mobil Corporation.	1,094	1,090	2,518
Net assets	8,691	9,796	12,934
Year Ended December 31:			
Gross revenues	\$52,090	\$49,148	\$42,274
Income before taxes	3,093	2,159	3,419
Cumulative effect of change in accounting principle (FAS 96)	-	-	(1,169)
Net income	2,017	1,296	1,151

Note:

- (1) Restated to reflect Mobil Corporation's retroactive adoption in the third quarter of 1988 of FAS 96, Accounting for Income Taxes, and FAS 94, Consolidation of All Majority-owned Subsidiaries.

(d) Financial Statement Schedules.

MOBIL CORPORATION
SCHEDULE V--CONSOLIDATED PROPERTIES, PLANTS, AND EQUIPMENT
For the Years Ended December 31, 1986, 1987, and 1988
(Millions of dollars)

	Petro- leum Oper- ations	Chem- ical	Cor- porate and Other	Total
	-----	-----	-----	-----
Balance at December 31, 1985(1)	\$34,453	\$1,693	\$2,724	\$38,870
Additions at cost	2,083	115	94	2,292
Sales and retirements	(638)	(28)	(1,996)	(2,662)
Foreign exchange transla- tion effects	699	25	52	776
Other changes net-add (deduct)	46	-	(40)	6
	-----	-----	-----	-----
Balance at December 31, 1986(1)	36,643	1,805	834	39,282
Additions at cost	2,048	121	65	2,234
Sales and retirements	(1,235)	(27)	(192)	(1,454)
Foreign exchange transla- tion effects	2,028	32	3	2,063
Other changes net-add (deduct)	79	-	16	95
	-----	-----	-----	-----
Balance at December 31, 1987(1)	39,563	1,931	726	42,220
Additions at cost	2,818	219	73	3,110
Sales and retirements	(1,360)	(34)	(14)	(1,408)
Foreign exchange transla- tion effects	(376)	(19)	(1)	(396)
Other changes net-add (deduct)	(49)	(1)	17	(33)
	-----	-----	-----	-----
Balance at December 31, 1988	\$40,596	\$2,096	\$ 801	\$43,493
	-----	-----	-----	-----

Note:

- (1) Restated to reflect the adoption in the third quarter of 1988 of FAS 94, Consolidation of All Majority-owned Subsidiaries, and to reflect Montgomery Ward & Co., Incorporated, as a discontinued operation.

MOBIL CORPORATION
SCHEDULE VI--CONSOLIDATED ACCUMULATED DEPRECIATION, DEPLETION,
AND AMORTIZATION OF PROPERTIES, PLANTS, AND EQUIPMENT
For the Years Ended December 31, 1986, 1987, and 1988
(Millions of dollars)

	Petro- leum Oper- ations	Chem- ical	Cor- porate and Other	Total
Balance at December 31, 1985(1)	\$12,805	\$624	\$908	\$14,337
Additions charged to costs and expenses	2,136	117	116	2,369 (2)
Sales and retirements	(503)	(18)	(715)	(1,236)
Foreign exchange transla- tion effects	385	9	-	394
Other changes net-add (deduct)	(19)	(2)	-	(21)
Balance at December 31, 1986(1)	14,804	730	309	15,843
Additions charged to costs and expenses	2,313	115	43	2,471 (2)
Sales and retirements	(980)	(26)	(101)	(1,107)
Foreign exchange transla- tion effects	864	10	1	875
Other changes net-add (deduct)	56	-	11	67
Balance at December 31, 1987(1)	17,057	829	263	18,149
Additions charged to costs and expenses	2,501	129	33	2,663 (2)
Sales and retirements	(788)	(21)	(12)	(821)
Foreign exchange transla- tion effects	(258)	(6)	-	(264)
Other changes net-add (deduct)	(81)	(1)	-	(82)
Balance at December 31, 1988	\$18,431	\$930	\$284	\$19,645

Notes:

(1) Restated to reflect the adoption in the third quarter of 1988 of FAS 94, Consolidation of All Majority-owned Subsidiaries, and to reflect Montgomery Ward & Co., Incorporated, as a discontinued operation.

(2) Depreciation, depletion, and amortization (page 28 of Mobil's 1988 Annual Report to Shareholders) consisted of:

	1988	1987	1986
Additions charged to income as above	\$2,663	\$2,471	\$2,369
Provision for restoration and removal costs	20	(14)	15
Total shown on income statement	\$2,683	\$2,457	\$2,384

NOSIL CORPORATION
SCHEDULE VII--CONSOLIDATED GUARANTEES OF SECURITIES OF OTHER ISSUERS
At December 31, 1968
(Millions of dollars)

Name of Issuer and Title of Each Issue -----	Total Amount Guaranteed and Outstanding -----
Guarantees given to governmental authorities	\$ 31
Guarantees of loans to third parties by various banks and insurance companies	110

	\$141

Note:

The loan guarantees above cover both principal and interest. They exclude, however, certain cross-guarantees (about \$219 million), primarily foreign customs duties, made with other responsible companies in the ordinary course of business. All other columns have been omitted as the answers thereunder would be "None."

MOBIL CORPORATION
SCHEDULE IX--SHORT-TERM BORROWINGS
For the Years Ended December 31, 1986, 1987, and 1988
(Millions of dollars)

Category of Aggregate Short-Term Borrowings	End of Period		During the Period		
	Balance	Weighted average interest rate	Maximum amount out- standing	Average amount out- standing	Weighted average interest rate
1986 (1)					
Banks	\$689	9 8	\$ 925	\$679	11 1/4%
Commercial Paper	581	6 1/2%	862	687	7 8
Financial Institutions and Others	70	12 8	203	124	13 1/4%
1987 (1)					
Banks	\$808	12 1/4%	\$ 959	\$793	11 3/4%
Commercial Paper	700	7 7/8%	700	649	6 3/4%
Financial Institutions and Others	105	11 5/8%	153	118	6 5/8%
1988					
Banks	\$734	10 7/8%	\$1,157	\$848	12 5/8%
Commercial Paper	-	-	700	80	7 1/8%
Financial Institutions and Others	76	13 1/2%	724	140	7 1/8%

The categories above include primarily foreign notes, other obligations payable to banks, commercial paper, and other obligations incurred during the ordinary course of business. Borrowings are arranged on an as needed basis at various terms and at the best available rates.

The above short-term borrowings exclude amounts classified as "Debt due within one year classified as long-term" as shown in Note 13, "Long-Term Debt," on page 39 of the 1988 Mobil Corporation Annual Report to Shareholders. These total \$431 million at December 31, 1988, \$664 million at December 31, 1987, and \$3,101 million at December 31, 1986.

The average amount outstanding during the period was computed by averaging the balances at the beginning of the year and at the end of each quarter during the year. The weighted average interest rate during the period was computed by dividing interest expense applicable to short-term borrowings by the average amount outstanding.

Note:

- (1) Restated to reflect the adoption in the third quarter of 1988 of FAS 94, Consolidation of All Majority-owned Subsidiaries, and to reflect Montgomery Ward & Co., Incorporated, as a discontinued operation.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant, Mobil Corporation, has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

REGISTRANT MOBIL CORPORATION

BY GORDON G. GARNEY
NAME AND TITLE Gordon G. Garney*, Attorney-in-fact
DATE March 31, 1989

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the date indicated.

BY GORDON G. GARNEY
NAME AND TITLE Allen E. Murray*, Director, Chairman of the Board and
 President, Principal Executive Officer
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Lucio A. Moto*, Director, Principal Financial Officer
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Robert C. Musser*, Controller, Principal Accounting Officer
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Walter A. Bork*, Director
DATE March 31, 1989

BY - GORDON G. GARNEY
NAME AND TITLE Lewis M. Branscomb*, Director
DATE March 31, 1989

PAGE 27
SIGNATURE

BY GORDON G. GARNEY
NAME AND TITLE Paul J. Hoenmans*, Director
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Allen P. Jacobson*, Director
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Samuel C. Johnson*, Director
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE William J. Kennedy III*, Director
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Jewel S. Lafontant*, Director
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Walter E. Mac Donald*, Director
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Lee L. Morgan*, Director
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE J. Richard Munro*, Director
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Eugene A. Renna*, Director
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE James Q. Riordan*, Director, Vice Chairman of the Board
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Robert G. Schwartz*, Director
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Eleanor B. Sheldon*, Director
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Richard F. Tucker* , Director, Vice Chairman of the Board
DATE March 31, 1989

BY GORDON G. GARNEY
NAME AND TITLE Robert G. Weeks* , Director
DATE March 31, 1989

* by power of attorney

DIRECTORS

**Walter A. Bork
Paul J. Hoenmans
Walter E. Mac Donald
Allen E. Murray
Lucio A. Noto**

**Eugene A. Renna
James Q. Riordan
Richard F. Tucker
Robert G. Weeks**

THE ADDRESS OF ALL DIRECTORS IS 150 EAST 42ND STREET NEW YORK NEW YORK 10017

OFFICERS

Chairman of the Board
President
Executive Vice President
Executive Vice President
Executive Vice President
Executive Vice President
Vice President
Vice President
Vice President
Vice President
Vice President
Vice President
Vice President
Vice President
Vice President
Treasurer
Secretary
Controller
General Counsel
Senior Assistant Controller
Assistant Controller
Assistant Controller
Assistant Controller
Assistant Controller
Assistant Controller
Assistant Controller
General Auditor
Assistant Treasurer
Assistant Treasurer

A.E. Murray
R.F. Tucker
P.J. Hoenmans
W.E. Mac Donald
E.A. Renna
J.Q. Riordan
R.D. Adams
W.A. Bork
J.V. D'Ambrisi
N.N. Farr
R.R. Graves
J.P. Keehan
L.A. Noto
R.O. Swanson
R.G. Weeks
R.H. Gardner
D.T. Bartlett
R.C. Musser
J.E. Fowler
H.H. Hinkle
W.R. Arnheim
M.J. Bernard
G. Broadhead
J.D. Creelman
W.S. Northup
K.W. Roberts
P.A. van Zyl
D.L. Jones
W.R. Arnheim
W.F. Brann

[illegible]

(2) G. Broadhead
(7) J.D. Hanley
(3) W.F. Luce
(3) J.C. Simcox
(7) G.G. Garney
(1) W.T. Oates, Jr.
(10) B.D. Barrett
(2) W.J. Brady
(3) R.L. Brewer
(7) J.W. Dalgetty
(1) R.B. Edmonds
(3) R.L. Fajkowski
(3) T.G. Fast
(10) J.W. Finegan
(2) D.R. Hayes
(3) I.R. Heath
(10) E.C. Hixson, Jr.
(5) M.J. Muckenthaler
(2) C.E. Remy
(7) F.W. Richards
(3) M.J. Ring
(10) J.E. Robertson
(3) P.W. Sheetz
(4) S.J. Sorensen
P.A. Stevenson
(2) H.A. Stowe
(5) R.M. Williams
(3) T.J. Winans
(7) D.B. Wyatt

- | | | |
|------|----------------|--|
| (1) | Street Address | - MOBIL OIL CORPORATION 1201 ELM STREET DALLAS, TEXAS 75270 |
| (2) | " | - MOBIL OIL CORPORATION 1774 STREET PLAZA BUILDING 1225 17TH STREET DENVER COLORADO 80202 |
| (3) | " | - MOBIL OIL CORPORATION 3225 GALLOWAY ROAD FAIRFAX VIRGINIA 22037 |
| (4) | " | - MOBIL OIL EXPLORATION & PRODUCING SOUTHEAST INC 1250 POYDRAS PLAZA, NEW ORLEANS, LOUISIANA 70113 |
| (5) | " | - MOBIL EXPLORATION AND PRODUCING SERVICES INC 3000 PEGASUS PARK DRIVE, DALLAS, TEXAS 75247 |
| (6) | " | - MOBIL CHEMICAL COMPANY 100 FIRST STAMFORD PLACE P O BOX 10070 STAMFORD CONNECTICUT 06904 |
| (7) | " | - MOBIL MINING AND MINERALS COMPANY P O BOX 28883 RICHMOND, VIRGINIA 23281 |
| (8) | " | - MOBIL EXPLORATION AND PRODUCING U S INC 4045 NORTHWEST 64TH STREET OKLAHOMA CITY, OKLAHOMA 73116 |
| (9) | " | - MOBIL EXPLORATION AND PRODUCING U S INC 5001 EAST COMMERCER PARK AVENUE, SUITE 300 BAKERSFIELD, CALIFORNIA 93309 |
| (10) | " | - MOBIL EXPLORATION AND PRODUCING U S INC 3000 PEGASUS PARK DRIVE, DALLAS, TEXAS 75247 |

THE ADDRESS OF ALL OTHER OFFICERS IS 150 EAST 42ND STREET, NEW YORK, NEW YORK 10017

In Effect:

Directors — May 1, 1988

Officers —January 1, 1969

**J.D. Hanley elected Assistant Treasurer,
effective 1/1/89.**

KNOW ALL PERSONS BY THESE PRESENTS:

That MOBIL OIL CORPORATION, a corporation organized and existing under the laws of the State of New York, does hereby make, constitute and appoint:

B. D. Barrett
P. L. Caldwell, Jr.
R. G. Charles

H. W. Norton, Jr.
A. G. Peperone
C. E. Reny

and each of them, its true and lawful Attorney-in-Fact with power and authority in accordance with the provisions of this instrument, for and on behalf of and in the name, place and stead of MOBIL OIL CORPORATION, to contract for the purchase (including the acquisition of options therefor) and to purchase lands including oil, gas, sulphur or any other mineral rights, titles and interests, and oil, gas, sulphur and any other mineral leases, subleases, assignments, permits, licenses and other oil, gas, sulphur and any other mineral agreements upon any and all property of every nature and kind, whether privately or publicly owned; to make and enter into unit and unitization (communitization) agreements, pooling agreements or other agreements providing for the exploration for, development of, or operation of oil, gas, sulphur or any other mineral properties or interests; to release, to quit claim or to surrender, either in whole or in part, any lease, assignment of lease, sublease, prospecting, or other permit or license, contract or other agreement relating to oil, gas, sulphur or any other mineral or minerals; to contract for the drilling or reworking of wells and all related activities; to contract for (including leasing and subleasing) supplies, equipment, services, lands, buildings (including offices and office buildings) and facilities; to contract for the processing and treating of gas and liquids produced from wells, to execute and deliver natural gas sales contracts, to sell, exchange or otherwise dispose of movable or personal property and equipment including materials and supplies; to grant, assign or acquire servitudes, easements and rights-of-way; to execute any and all forms, papers and documents including oaths and affidavits

thereon, required to document, register or list at the Bureau of Customs, Treasury Department, United States of America, and any Customs District therein, and with any other federal or state agency or subdivision thereof, any and all vessels, boats, barges and other floating equipment owned or operated by or for MOBIL OIL CORPORATION; to receive, receipt for and collect such sums of money as may be due and payable to MOBIL OIL CORPORATION; to sign, execute and file with the Department of the Interior (including any bureau, office or other unit thereof, whether in Washington, D.C., or in the field, and any officer or employee thereof) as well as with other federal or state agencies, commissions, departments, bureaus, offices, or authorities deemed appropriate by any such Attorney-in-Fact (a) all and any offers to lease, bids for leases and leases, and applications for permits and permits (including amendments, modifications, supplements, renewals and exchanges thereof) of or with respect to any lands of the United States (including, without limitation, lands within the Public Domain, Submerged Lands and Acquired Lands) under any act and amendments thereto which provide for the leasing or exploration thereof, including, without limitation, the Mineral Leasing Act of February 25, 1920, (41 Stat. 437), the Outer Continental Shelf Lands Act of August 7, 1953, (67 Stat. 462), the Right-of-Way Leasing Act of May 21, 1930, (46 Stat. 373), and the Mineral Leasing Act for Acquired Lands of August 7, 1947, (61 Stat. 913), as the same have been or may hereafter be amended, or any lands of any state or any Indian or native lands and interest of every kind or description; (b) all statements of qualification, interest and holdings in behalf of MOBIL OIL CORPORATION; (c) any other statements, notices or communications required or permitted to be filed or which may hereafter be required or permitted to be filed under any of the provisions of Title 30 or Title 43 of the Code of Federal Regulations, or under any other state or federal act or regulation relating to the leasing or operation of state, federal or Indian or native lands for the exploration for and production of sulphur, oil and gas or any other mineral covered by any of such acts or regulations; and

(d) any applications or requests for approval of assignments or transfers of federal, state or Indian sulphur, oil and gas leases or other mineral leases or permits, any unitization, pooling or communitization agreements and any other instruments which may be required to be filed with any such department, bureau, office, agency, authority or unit thereof; to procure any authorization, permit, or license from any governmental agency, whether federal, state or municipal, and to execute and file any and all instruments, documents, bonds, forms, reports, and applications which may be required to be filed with any governmental agency; to execute all instruments and documents including bonds and other undertakings related to litigation or required or permitted to be filed in court or administrative board proceedings. MOBIL OIL CORPORATION grants each Attorney-in-Fact specific authority to execute all statements of interest and of holdings in behalf of MOBIL OIL CORPORATION, and to execute all other statements required or which may be required by the acts and the regulations.

Each and every power, discretionary or otherwise, hereinbefore granted to the aforesaid Attorneys-in-Fact shall be deemed as granted to them severally, as if the one exercising such power had alone been appointed and named as attorney herein with full power to make, execute, acknowledge and deliver all instruments, contracts, agreements, documents, bonds and affidavits of every nature and kind incident to the purpose of the powers hereinbefore granted, with such terms, covenants and stipulations as he may deem proper and expedient.

MOBIL OIL CORPORATION does hereby grant to any two of the Attorneys-in-Fact appointed herein, when acting jointly, the power and authority for and on behalf of and in the name, place and stead of MOBIL OIL CORPORATION to contract for the sale or exchange of and to sell or exchange, convey or assign lands, leases, subleases or mineral interests of whatever kind and character, belonging to or claimed by MOBIL OIL CORPORATION, and to evidence such acts by formal documents made in the name of MOBIL OIL CORPORATION, executed jointly by any two of the

Attorneys-in-Fact appointed herein, attested by the Secretary or any Assistant Secretary of the corporation, and with the seal of the corporation affixed.

This Power is given in accordance with the authority duly granted by the Board of Directors of MOBIL OIL CORPORATION, and applies to the entire U. S. and adjacent offshore area covered by the Outer Continental Shelf Lands Act or the Submerged Lands Act, both as amended, within or adjacent to the above named states.

Hereby revoking MOC P/A No. 1940 granted under date of November 4, 1988.

IN WITNESS WHEREOF, said MOBIL OIL CORPORATION has caused these presents to be executed by a Vice President and its corporate seal to be hereunto affixed and attested by its Senior Assistant Secretary in the presence of the undersigned witnesses, effective this 1st day of January, 1989.

MOBIL OIL CORPORATION

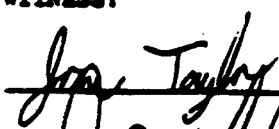
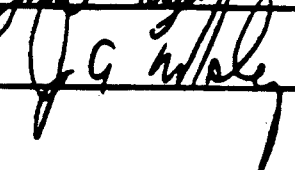
BY: 

Vice President

ATTEST: .


Senior Assistant Secretary

WITNESS:

STATE OF NEW YORK)
) ss.:
COUNTY OF NEW YORK)

BE IT REMEMBERED THAT I, JOSEPH M. GRAEFELD,
Notary Public duly qualified, commissioned, sworn and
acting in and for the County and State aforesaid,
hereby certify that, on this 8th day of April,
1949

ALABAMA

R. R. GRAVES, whose name as Vice President of
MOBIL OIL CORPORATION, a corporation, is signed to the
foregoing instrument, and who is known to me, acknowl-
edged before me on this day that, being informed of the
contents of the instrument, he, as such officer and
with full authority, executed the same voluntarily for
and as the act of said corporation.

ALASKA

Before me, the undersigned personally came
R. R. GRAVES, Vice President and
W. I. DIXIE, Senior Assistant Secretary,
respectively, of the MOBIL OIL CORPORATION, a corpora-
tion organized and existing under and by virtue of the
laws of the State of New York, to me known to be a Vic
President and Senior Assistant Secretary, respectively
of the said corporation, and acknowledged that the sea
affixed to the within instrument is the corporate seal
of said corporation, and that said instrument was
signed and sealed in behalf of said corporation by
authority of its Board of Directors, and the said
R. R. GRAVES, Vice President and
W. I. DIXIE, Senior Assistant Secre-
tary, acknowledged that said instrument to be the free
act and deed of said corporation.

ARIZONA

Before me, the undersigned officer, personally appears
R. R. GRAVES, who acknowledged himself to be
a Vice President of MOBIL OIL CORPORATION, a corpora-
tion, and that he, as such Vice President, being
authorized so to do, executed the foregoing instrument
for the purposes therein contained by signing the name
of the corporation by himself as Vice President.

ARKANSAS

Before me, the undersigned officer, personally appeared
R. R. GRAVES, who acknowledged himself to be
a Vice President of MOBIL OIL CORPORATION, a corpora-
tion, and that he, as such Vice President, being
authorized so to do, executed the foregoing instrument
for the purposes therein contained by signing the name
of the corporation by himself as Vice President.

CALIFORNIA

Before me, the undersigned, personally appeared
R. R. GRAVES known to me to be a Vice
President, and W. I. DIXIE, known to me to
be the Senior Assistant Secretary, of MOBIL OIL CORPO-
RATION, the Corporation that executed the within
Instrument, known to me to be the persons who executed
the within Instrument, on behalf of the Corporation
therein named, and acknowledged to me that such Corpo-
ration executed the within Instrument pursuant to a
Resolution of its Board of Directors.

COLORADO

The foregoing instrument was acknowledged before me
this day by R. R. GRAVES, known to me to be a
Vice President of MOBIL OIL CORPORATION, as the act of
said corporation duly authorized by its Board of
Directors.

CONNECTICUT

Personally appeared R. R. GRAVES, Vice
President of the MOBIL OIL CORPORATION, signer and

sealer of the foregoing instrument, and acknowledged the same to be his free act and deed, and the free act and deed of said MOBIL OIL CORPORATION before me.

DELAWARE

Be it remembered that, on this day, personally came before me, R. R. GRAVES, Vice President of MOBIL OIL CORPORATION, a corporation of the State of New York, party to the foregoing instrument, known to me personally to be such, and acknowledged the said instrument to be his act and deed, and the act and deed of the said Company; that the signature of the said Vice President is his own proper handwriting; that the seal affixed is the corporate seal of the said Company and that his act of sealing, executing, and delivering said instrument was duly authorized by resolution of the Directors of said Company.

FLORIDA

Before me, an officer duly authorized in the state afore said and in the county aforesaid to take acknowledgments, personally appeared R. R. GRAVES and W. I. GATES, to me known and known to be the persons described in and who executed the foregoing instrument as Vice President and Senior Assistant Secretary, respectively, of the corporation named therein, and severally acknowledged before me that they executed the same as such officers in the name and on behalf of said corporation.

GEORGIA

R. R. GRAVES, who is personally known to me, appeared before me, the undersigned, personally and did acknowledge that he did sign, seal and deliver the foregoing instrument for and on behalf of MOBIL OIL CORPORATION, and as Vice President thereof, of his own free will and accord for the purposes therein named and expressed and as the act and deed of said corporation.

HAWAII

Before me appeared R. R. GRAVES, to me personally known, who being by me duly sworn, did say that he is a Vice President of MOBIL OIL CORPORATION, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said R. R. GRAVES acknowledged said instrument to be the free act and deed of said corporation.

IDaho

Before me personally appeared R. R. GRAVES known to me to be a Vice President of MOBIL OIL CORPORATION, the corporation that executed the within instrument, and the person who executed the instrument on behalf of said corporation, and acknowledged to me that said corporation executed the same.

ILLINOIS

Before me in person appeared R. R. GRAVES personally known to me to be a Vice President of MOBIL OIL CORPORATION, a New York corporation and W. I. GATES, personally known to me to be the Senior Assistant Secretary of said corporation, and each and severally acknowledged that they signed and delivered the foregoing instrument in the respective capacities herein set forth and cause to be affixed thereto the corporate seal of said corporation, pursuant to authority given under the articles and by-laws of the corporation, as the free and voluntary act of said corporation, and as their own free and voluntary act, for the uses and purposes therein set forth.

INDIANA

Before me personally appeared MOBIL OIL CORPORATION, a New York corporation, by R. R. GRAVES and W. I. GATES, Vice President and Senior Assistant Secretary, respectively, and acknowledged the execution of the foregoing instrument.

IOWA

Personally appeared R. R. GRAVES, to me personally known, who being by me duly sworn, did say that he is Vice President of MOBIL OIL CORPORATION, that the seal affixed to said instrument is the seal of said corporation, and that said instrument was signed and sealed on behalf of said corporation by authority of its Board of Directors, and the said R. R. GRAVES acknowledged the execution of said instrument to be the voluntary act and deed of said corporation by it voluntarily executed.

KANSAS

Before me personally appeared R. R. GRAVES, Vice President of MOBIL OIL CORPORATION, a New York corporation, who is personally known to me, and know to me to be a Vice President of said corporation, and the same person who executed the foregoing instrument and he duly acknowledged the execution of the same and on behalf of and as the act and deed of said corporation.

KENTUCKY

The foregoing instrument of writing from MOBIL OIL CORPORATION to B.D. Barrett, P.L. Caldwell, Jr., R.G. Charles, H.W. Norton, Jr., A.G. Peperone, C.E. Remy was produced to me in my county by the parties and acknowledged and delivered before me by R. R. GRAVES, as Vice President of MOBIL OIL CORPORATION, a New York corporation, party thereto, be the act and deed of said corporation by him as its Vice President, thereunto duly authorized, and the seal of said corporation as affixed to said instrument was attested and proven before me by H. L. GATES as its Senior Assistant Secretary.

LOUISIANA

Before me appeared R. R. GRAVES, to me personally known, who, being by me duly sworn, did say that he is a Vice President of MOBIL OIL CORPORATION and that the foregoing instrument was signed in behalf of said corporation by authority of its Board of Directors and said R. R. GRAVES acknowledged said instrument to be the free act and deed of said corporation.

MAINE

Personally appeared the above-named R. R. GRAVES, acknowledged himself to be a Vice President of MOBIL OIL CORPORATION, and acknowledged the foregoing instrument to be his free act and deed of said corporation.

MARYLAND

Before me, the undersigned officer, personally appeared R. R. GRAVES, who acknowledged himself to be a Vice President of MOBIL OIL CORPORATION, a corporation, and that he, as such Vice President, being authorized so to do, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by himself as Vice President.

MASSACHUSETTS

Before me appeared R. R. GRAVES, to me personally known, who, being by me duly sworn, did say that he is a Vice President of MOBIL OIL CORPORATION, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors and said R. R. GRAVES acknowledged said instrument to be the free act and deed of said corporation.

MICHIGAN

Before me appeared R. R. GRAVES, to me personally known, who, being by me duly sworn, did say that he is a Vice President of MOBIL OIL CORPORATION, New York corporation, and that the seal affixed to said instrument is the corporate seal of said corporation.

and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said R. R. GRAVES acknowledged said instrument to be the free act and deed of said corporation.

MINNESOTA

Before me appeared R. R. GRAVES, to me personally known, who being by me duly sworn, did say that he is a Vice President of MOBIL OIL CORPORATION, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said R. R. GRAVES acknowledged said instrument to be the free act and deed of said corporation.

MISSISSIPPI

Personally appeared before me the within named R. R. GRAVES, who acknowledged that he signed and delivered the foregoing instrument on the day and the year therein mentioned as a Vice President of MOBIL OIL CORPORATION, a corporation.

MISSOURI

Before me appeared R. R. GRAVES, to me personally known, who being by me duly sworn, did say that he is a Vice President of MOBIL OIL CORPORATION, a New York corporation and the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said R. R. GRAVES acknowledged said instrument to be the free act and deed of said corporation.

MONTANA

Before me personally appeared R. R. GRAVES, as Vice President of MOBIL OIL CORPORATION, a New York Corporation, known to me to be a Vice President of the corporation that executed the within instrument.

NEBRASKA

Before me personally came the above named R. R. GRAVES, as Vice President of MOBIL OIL CORPORATION, a New York corporation, who is personally known to me to be the identical person whose name is affixed to the above instrument as Vice President of said corporation and acknowledged the instrument to be his voluntary act and deed and the voluntary act and deed of said corporation.

NEW HAMPSHIRE

Before me, the undersigned officer, personally appeared R. R. GRAVES, who acknowledged himself to be a Vice President of MOBIL OIL CORPORATION, a corporation, and that he, as such Vice President, being authorized so to do, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by himself as Vice President.

NEVADA

Personally appeared before me R. R. GRAVES, known to me to be a Vice President, who executed the same on behalf of MOBIL OIL CORPORATION, the corporation that executed the foregoing instrument and upon oath did depose that he is the officer of the corporation as above designated; that he is acquainted with the seal of the corporation and the seal affixed to the instrument is the corporate seal of the corporation; that the signatures to the instrument were made by officers of the corporation as indicated after the signatures; and that the corporation executed the instrument freely and voluntarily and for the uses and purposes therein mentioned.

NEW JERSEY

Before me, the subscriber, personally appeared R. I. OATES JR., who being by me duly sworn on his oath, doth depose and make proof to

my satisfaction, that he is the Senior Assistant Secretary of MOBIL OIL CORPORATION, the grantor named in the within instrument, that R. R. GRAVES is a Vice President of said corporation; that the execution, as well as the making of this instrument, has been duly authorized by a proper resolution of the Board of Directors of said corporation; that deponent well knows the corporate seal of said corporation; that the seal affixed to said instrument is such corporate seal and was thereto affixed and said instrument signed and delivered by said R. R. GRAVES, as and for his voluntary act and deed and as and for the voluntary act and deed of said corporation, in the presence of deponent, who thereupon subscribed his name thereto as witness.

~~W. J. D. D.~~
Senior Assistant Secretary

NEW MEXICO

Before me appeared R. R. GRAVES, to me personally known, who being by me duly sworn, did say that he is a Vice President of MOBIL OIL CORPORATION, and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said R. R. GRAVES acknowledged said instrument to be the free act and deed of said corporation.

NEW YORK

Before me personally came R. R. GRAVES, to me known, who, being by me duly sworn, did depose and say that he resides at 1000 LANE
WINDFALL, TEXAS 75086

that he is a Vice President of MOBIL OIL CORPORATION, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation, and that he signed his name thereto by like order.

NORTH CAROLINA

Personally came before me R. R. GRAVES, who, being by me duly sworn, says that he is a Vice President of MOBIL OIL CORPORATION, and that the seal affixed to the foregoing instrument in writing is the corporate seal of said company and that said writing was signed and sealed by him in behalf of said corporation by its duly given, and the said R. R. GRAVES acknowledged the said writing to be the act and deed of said corporation.

NORTH DAKOTA

Before me personally appeared R. R. GRAVES, known to me to be a Vice President of the corporation that is described in and that executed the within instrument, and acknowledged to me that such corporation executed the same.

OHIO

Before me came, R. R. GRAVES, personally known to me as being a Vice President of said Company and on behalf of said Company, acknowledged the signing, attesting and affixing of the corporate seal to said instrument to be voluntary and free acts and deeds of said Company, and that said instrument was so executed and delivered by authority of the Board of Directors of said Company.

OKLAHOMA

Before me personally appeared R. R. GRAVES, to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and acknowledged to me that he executed the same as his free and voluntary act and

deed, and as the free and voluntary act and deed of such corporation for the uses and purposes therein set forth.

OREGON

Before me, the undersigned officer, personally appeared R. R. GRAVES, who acknowledged himself to be a Vice President of MOBIL OIL CORPORATION, a corporation, and that he, as such Vice President, being authorized so to do, executed the foregoing instrument for the purpose therein contained, by signing the name of the corporation by himself as Vice President.

PENNSYLVANIA

Before me, the undersigned officer, personally appeared R. R. GRAVES, who acknowledged himself to be a Vice President of MOBIL OIL CORPORATION, a New York corporation, and that he, as such Vice President, being authorized so to do, executed the foregoing instrument for the purpose therein contained, by signing the name of the corporation by himself as Vice President.

RHODE ISLAND

Before me personally appeared R. R. GRAVES, Vice President of MOBIL OIL CORPORATION, to me known and known by me to be the party executing the foregoing instrument on behalf of said corporation and he acknowledged said instrument by him executed to be his free act and deed and the free act and deed of said corporation.

SOUTH CAROLINA

Personally appeared before me JOAN PATTON, who, being sworn, says that she saw the corporate seal of MOBIL OIL CORPORATION affixed to the foregoing instrument and that she also saw R. R. GRAVES, Vice President, and H. I. GIBBS, Senior Assistant Secretary of said MOBIL OIL CORPORATION, sign and attest the same and that she with MYCE JESSEY witnessed the execution and delivery thereof as the act and deed of the said MOBIL OIL CORPORATION

Joan Taylor
Witness

SOUTH DAKOTA

Before me, the undersigned officer, personally appeared R. R. GRAVES, who acknowledged himself to be a Vice President of MOBIL OIL CORPORATION, a New York corporation, and that he, as such Vice President, being authorized so to do, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by himself as Vice President.

TENNESSEE

Before me personally appeared R. R. GRAVES, who acknowledged himself to be a Vice President of MOBIL OIL CORPORATION, a corporation, and that he, as such Vice President, being authorized so to do, executed the foregoing instrument for the purpose therein contained, by signing the name of the corporation by himself as Vice President.

TEXAS

Before me, the undersigned officer, personally appeared R. R. GRAVES, known to me to be the person whose name is subscribed to the foregoing instrument, and known to me to be a Vice President of MOBIL OIL CORPORATION, a corporation, and acknowledged to me that he executed said instrument for the purposes and consideration therein expressed, and as the act of said corporation.

UTAH

Personally appeared before me R. R. GRAVES, who being by me duly sworn did say that he is a Vice President of MOBIL OIL CORPORATION, and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and

said R. R. GRAVES acknowledged to me that said corporation executed the same.

VERMONT

At New York, New York, personally appeared R. R. GRAVES, Vice President of the said MOBIL OIL CORPORATION, signer and sealer of the foregoing written instrument, and acknowledged the same to be his free act and deed, and the free act and deed of said corporation.

VIRGINIA

R. R. GRAVES, Vice President of MOBIL OIL CORPORATION, whose name is signed to the writing above, bearing date on the 8th day of April, 1940, has acknowledged the same before me in my County aforesaid.

WASHINGTON
(RCW 64.08.070)

Before me personally appeared R. R. GRAVES, to me known to be a Vice President of the corporation that executed the foregoing instrument, and acknowledged said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he was authorized to execute said instrument, and that the seal affixed is the corporate seal of said corporation.

WEST VIRGINIA

R. R. GRAVES, Vice President, who signed the writing above for MOBIL OIL CORPORATION, bearing the 8th day of April, 1940, has this day, in my said county, before me acknowledged the said writing to be the act and deed of said corporation and that said writing was signed and sealed by him in behalf of said corporation.

WISCONSIN

Before me, the undersigned officer, personally appeared R. R. GRAVES, who acknowledged himself to be a Vice President of MOBIL OIL CORPORATION, a New York corporation and that he, as such Vice President, being authorized so to do, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by himself as Vice President.

WYOMING

Before me appeared R. R. GRAVES, to me personally known, who, being by me duly sworn, did say that he is a Vice President of MOBIL OIL CORPORATION, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said R. R. GRAVES acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

(Notary Seal)

Joseph M. Sheffield
Notary Public in and for the

State of NEW YORK

Residing at 1400 10th St.
Brooklyn 1, N. Y.

My Commission Expires: MAY 31, 1940

JOSEPH M. SHEFFIELD
Notary Public, State of New York
No. 41-47411-00
Qualified in Queens County
Commission filed in New York County
Term Expires May 31, 1940

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-2057

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

McELMO CREEK UNIT

8. Well Name and No.

T-12

9. API Well No.

43-037-30074

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P.O. BOX 633, MIDLAND, TX 79702

(915)688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1940' FSL, 1960' FEL SEC 33, T40S, R25E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other SHUT-IN STATUS

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MOBIL REQUESTS TEMPORARY SHUT-IN STATUS, WAITING ON INJECTION CONVERSION

RECEIVED

JUL 08 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Shirley Todd SHIRLEY TODD

Title ENVIR. & REG. TECH

Date 7/2/92

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____ Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
MOBIL OIL CORPORATION

FEB 12 1993

3. Address and Telephone No.
P.O. BOX 633, MIDLAND, TX 79702

(915)688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1940' FSL, 1960' FEL SEC 33, T40S, R25E

5. Lease Designation and Serial No.
14-20-603-2057

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
McELMO CREEK UNIT

8. Well Name and No.
T-12

9. API Well No.
43-037-30074

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UTAH

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **SHUT-IN STATUS**

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MOBIL REQUESTS TEMPORARY SHUT-IN STATUS, WAITING ON INJECTION CONVERSION

THIS APPROVAL EXPIRES JUL 15 1993

14. I hereby certify that the foregoing is true and correct

Signed Shirley Todd **SHIRLEY TODD**

Title ENVIR. & REG. TECH

Date 7/2/92

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

APPROVED

Date JUL 20 1992

AREA MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side
OPERATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
14-20-603-2057

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

8. Well Name and No.
T-12

9. API Well No.
43-037-30074

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

FEB 07 1994

DIVISION OF
OIL, GAS & MINING

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P O BOX 633 MIDLAND, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1940 FSL, 1960 FWL SEC.33, T40S, R25E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other <u>WORKOVER</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
SEE ATTACHED PROCEDURE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 2-28-94

BY: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

SHIRLEY TODD

Title

ENGINEER TECHNICIAN

Date

2-2-94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

McElmo Creek T-12
Workover Procedure

1. Lock and tag out all power sources. MIRU workover rig. Bleed off any pressure on tubing/casing. Load well with lease water. ND wellhead and NU BOP's. PT BOP's to 3000 psi high and 250 psi low.
2. PU 1 joint of 2-7/8", 6.5 lb/ft workstring and make up to existing tubing string. Drop down and latch onto retrievable bridge plug at +/- 5653'. POH and recover retrievable bridge plug standing tubing in derrick.
3. RIH with 6-1/8" rock bit and drill out CIBP at 5848'. CO well to PBTD at 5907'. POH laying down 2-7/8", 6.5 lb/ft tubing string.
4. RU Schlumberger wireline and lubricator with packoff. RIH with 4" casing gun loaded at 4 SPF (21.4" penetration, 0.46" dia. entry hole). Perforate 5856'-5884', 5790'-5832', 5740'-5783' 5684'-5705' with 4 SPF. RD Schlumberger.
5. RIH with O.D.I. Submersible pump (See Attachment 3) using P.S.I. reel truck on 3-1/2", 9.3 lb/ft J-55 EUE 8rd/NU 10 rd tubing. NOTE: Use NU 10rd in middle of string as necessary based on actual inventory of 3-1/2" EUE 8rd. Install check valve 1 joint above pump and drain valve 2 joints above pump. Strap cable to tubing while RIH. Set bottom of assembly at 5680'.
6. ND BOP's. Install Hercules wellhead. RDMO workover rig. Hook up variable speed drive. Notify Production foreman of intent to test well. O.D.I. to test submersible pump at +/- 5000 BFPD and turn well to production. Well to be tested weekly with fluid levels obtained by production department. Production Department to increase speed of submersible pump to maximum rate if fluid levels remain high and injection wells can take the additional water production.

Sean S. Murphy, Oper. Engr. Office Phone: 8-333-5208 or 303/564-5208
Home Phone: 303/564-9423

McElmo Creek Unit T-12

FOR API # 43-037-30074

JOB OR AUTH. NO.

LOCATION 1940' FSL, 1960' FEL SEC. 33 - T40S - R2SE

PAGE

SUBJECT WORKOVER - RETURN TO PRODUCTION

DATE 22/OCT/93

LEASE # 14-20-603-2057

BY S. S. MURPHY

EXISTING

KB: 4950'

GL: 4938'

2-7/8" 6.5# J-55 EYE
BRD TUBING 0-5623'10-3/4" 32.75/40.5# H-40
K-55 CSG AT 1728' CMT'D
W/ 860SXS TO SURFACENOTE: 32.75# H-40 CSG
0-1345'

TOC AT 4106' (CALC)

Retrievable Bridge Plug
AT 5653'NOTE: PERFS AT 5700'-5704'
SQZD

CIBP AT 5848'

8-3/4" HOLE

PBTD 5653'

TD 5935'

PERFORATIONS

5744', 5748', 5752', 5757',
5761', 5765', 5767', 5772',
5774', 5776', 5777', 5782',
5791', 5793', 5794', 5800',
5802', 5808', 5810', 5814',
5818', 5823', 5825', 5831',
5862', 5864', 5873',
7" 20/23# K-55 CSG AT
5935' CMT'D W/ 275 SXS
NOTE: 20# CSG 41'-4037'

McElmo Creek Unit T-12

FOR API # 43-037-30074

JOB OR AUTH. NO.

LOCATION 1940' FSL, 1960' FEL SEC. 33-T405-R25E

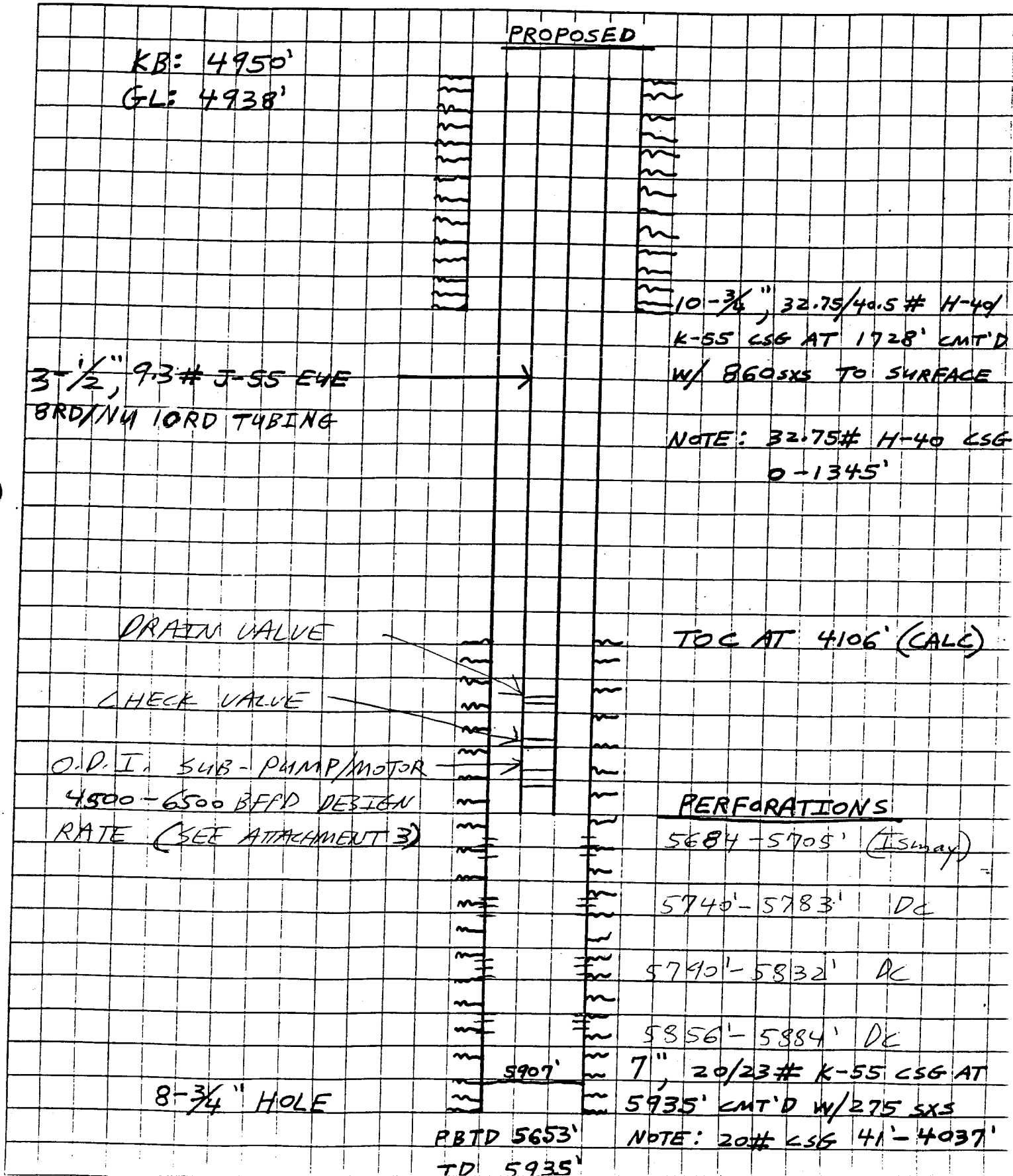
PAGE

SUBJECT WORKOVER - RETURN TO PRODUCTION

DATE 22/OCT/93

LEASE # 14-20-603-2057

BY S. S. MURPHY



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P.O. BOX 633, MIDLAND, TX 79702

(915)688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1940' FSL, 1960' FEL SEC 33, T40S, R25E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-2057

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

T-12

9. API Well No.

43-037-30074

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

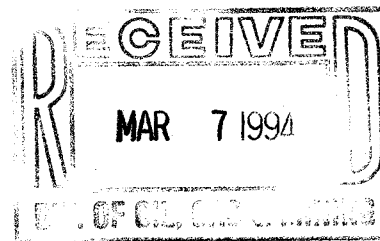
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

REVISED PROCEDURE FROM PROCEDURE DATED 2-2-94. SEE ATTACHMENT

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 3-8-94

BY: Shirley Todd



14. I hereby certify that the foregoing is true and correct

Signed

Shirley Todd

SHIRLEY TODD

Title

ENVIRONMENTAL & REG. TECH.

Date

3-1-94

(This space for Federal or State office use)

Approved by _____

Conditions of approval, if any: _____

Title _____

Date _____

McElmo Creek T-12
Workover Procedure (Revised)

1. Lock and tag out all power sources. MIRU workover rig. Bleed off any pressure on tubing/casing. Load well with lease water. ND wellhead and NU BOP's. PT BOP's to 3000 psi high and 250 psi low.
2. PU 1 joint of 2-7/8", 6.5 lb/ft workstring and make up to existing tubing string. Drop down and latch onto retrievable bridge plug at +/- 5653'. POH and recover retrievable bridge plug standing tubing in derrick.
3. RIH with 6-1/8" rock bit and drill out CIBP at 5848'. CO well to PBTD at 5907'. POH with 2-7/8", 6.5 lb/ft tubing string.
4. RU Schlumberger wireline and lubricator with packoff. RIH with 4" casing gun loaded at 4 SPF (21.4" penetration, 0.46" dia. entry hole). Perforate 5856'-5884', 5790'-5832', 5740'-5783' 5684'-5705' with 4 SPF. RD Schlumberger.
5. RIH with +/- 250' 2-3/8" tailpipe, casing scraper, 2 joints 2-7/8", 6.5 lb/ft EUE 8rd tubing, seating nipple with flow control valve, RTTS squeeze packer (or equivalent) on 2-7/8", 6.5 lb/ft J-55 EUE 8rd workstring. Internally pressure test all tubing above squeeze packer to 5000 psi using water while RIH. Note: It is recommended that all pressure testing be done below the rig floor.
6. RU Western. RU and PT lines to 5000 psi. Spot 10 bbls of xylene across perforations. PU and set end of tailpipe at +/- 5670'. Set squeeze packer and space out with 15,000 lbs compression. Close BOP's and PT backside to 500 psi. Open BOP's and open bypass. Pickle workstring with 3 bbls of 15 percent HCL, close BOP's and reverse out. Close bypass. Pressure backside to 500 psi and monitor. Retrieve flow control valve using swab line.
7. Establish maximum injection rate using fresh water at 3000 psi surface treating pressure. Pump the following:
 - A. 50 bbls 15 percent HCL acid
 - B. 15 bbls of gelled rock salt pill
 - C. 50 bbls 15 percent HCL acid
 - D. 15 bbls of gelled rock salt pill
 - E. 50 bbls 15 percent HCL acid
 - F. 15 bbls of gelled rock salt pill
 - G. 50 bbls 15 percent HCL acid
 - H. 15 bbls of gelled rock salt pill
 - I. 50 bbls 15 percent HCL acid
 - J. 15 bbls of gelled rock salt pill
 - K. 50 bbls 15 percent HCL acid
 - L. 100 bbls of 3 percent ammonium chloride

NOTE: A. Acid to contain 2 gals/mgal corrosion inhibitor, 5 gals/mgal non-emulsifier, 10 lbs/mgal iron sequestering agent.

B. Gelled rock salt pill to contain 109 lbs fine salt for saturation, 40 lbs/mgal HEC, 0.5 lbs/mgal breaker, 2 ppg medium/coarse rock salt.

8. RD Western. Bleed off backside pressure. Swab well for remainder of daylight hours.
9. Open BOP's, release squeeze packer and POH laying down 2-7/8" tubing.
10. RIH with O.D.I. Submersible pump (See Attachment 3) using P.S.I. reel truck on 3-1/2", 9.3 lb/ft J-55 EUE 8rd tubing. Install check valve 1 joint above pump and drain valve 2 joints above pump. Strap cable to tubing while RIH. Set bottom of assembly at 5680'.
11. ND BOP's. Install Hercules wellhead. RDMD workover rig. Hook up variable speed drive. Notify Production foreman of intent to test well. O.D.I. to test submersible pump at +/- 5000 BFPD and turn well to production. Well to be tested weekly with fluid levels obtained by production department. Production Department to increase speed of submersible pump to maximum rate if fluid levels remain high and injection wells can take the additional water production.

Sean S. Murphy, Oper. Engr. Office Phone: 8-333-5208 or 303/564-5208
Home Phone: 303/564-9423

McElmo Creek Unit T-12

FOR API # 43-037-30074

JOB OR AUTH. NO.

LOCATION 1940' FSL, 1960' FEL SEC. 33-T40S-R25E

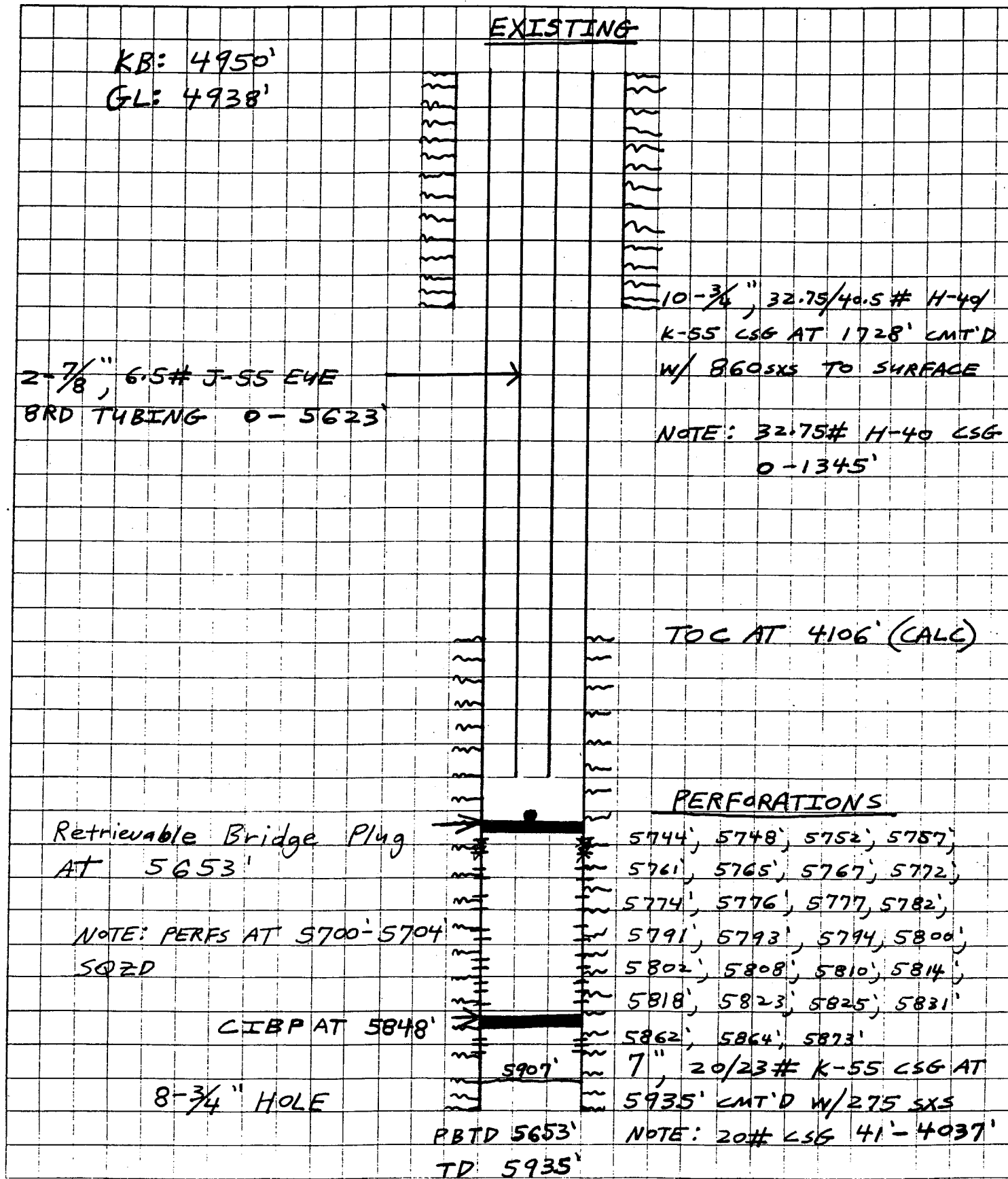
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SUBJECT WORKOVER - RETURN TO PRODUCTION

DATE 22/OCT/93

LEASE # 14-20-603-2057

BY S. S. MURPHY



McElmo Creek U T-12

FOR API # 43-037-30074

JOB OR AUTH. NO.

LOCATION 1940' FSL, 1960' FEL SEC. 33 - T405 - R25E

PAGE

SUBJECT WORKOVER - RETURN TO PRODUCTION

DATE 22/OCT/93

LEASE # 14-20-603-2057

BY S. S. MURPHY

PROPOSED

KB: 4950'

GL: 4938'

3-1/2" 9.3# J-55 EYE
BRD TUBING10-3/4" 32.75/40.5# H-40
K-55 CSG AT 1728' CMT'D
W/ 860SXS TO SURFACENOTE: 32.75# H-40 CSG
0-1345'

DRAIN VALVE

CHECK VALVE

O.D.I. SUB-PUMP/MOTOR
4500-6500 BFPD DESIGN
RATE (SEE ATTACHMENT 3)

TOC AT 4106' (CALC)

PERFORATIONS

5684-5705' (ISLmay)

5740'-5783' DC

5790'-5832' DC

5856'-5884' DC

8-3/4" HOLE

5907'

7" 20/23# K-55 CSG AT
5935' CMT'D W/ 275 SXS

RBT'D 5653'

NOTE: 20# CSG 41'-4037'

TD 5935'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

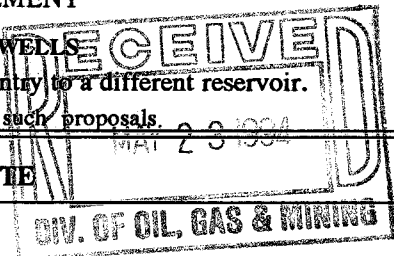
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals.

SUBMIT IN TRIPLICATE



5. Lease Designation and Serial No.
14-20-603-2057

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

8. Well Name and No.
MCELMO CREEK UN T-12

9. API Well No.
43-037-30074

10. Field and Pool, or exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator
MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION
3. Address and Telephone No.
P. O. BOX 633, MIDLAND, TX 79702 (915) 688-2585
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1940' FSL, 1960 FEL; SEC 33, T40S, R25E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other WORKOVER	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

05/02/94 MIRU.

05/03/94 CIRC WELL W/10# BW, REMOVED EXISTING WELLHEAD, NU RENTAL HEAD, NU BOP. TOH W/TBG & RHTD.

05/04/94 TIH W/BIT, TAG FILL @ 5838'. DRILLED FILL AND CIBP TO 5900'.

05/05/94 PERF 5856-5884', 5790-5832', 5740-5783', 5684-5705' W/4 SPF.

05/07/94 SPOT 10 BBLS XYLENE ACROSS PERFS. ACDZ W/ 12,600 BBLS 15% HCL; FLUSHED W/100 BBLS AMMONIUM CHLORIDE AND 100 BBLS FW.

05/09/94 ASSM PUMP/MOTOR; RIH ON 3.5" TBG; ND, LAND TBG & FLANG UP.

05/10/94 RESPACED TBG; INSTALLED FLOW LINE, RDMO. RET TO PROD.

D

14. I hereby certify that the foregoing is true and correct

Signed *Shirley Todd* Title ENV. & REG. TECHNICIAN Date 05/18/94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 3 of 22

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O MOBIL OIL CORP
 M E P N A
 PO DRAWER G
 CORTEZ CO 81321

UTAH ACCOUNT NUMBER: N7370REPORT PERIOD (MONTH/YEAR): 6 / 95AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MCELMO CREEK I-14								
4303716145	05980	41S 24E 1	IS-DC					
MCELMO CR O-08								
4303716146	05980	40S 25E 29	DSCR					
MCELMO CREEK F-18								
4303720184	05980	41S 24E 12	IS-DC					
MCELMO CR H-19								
4303720304	05980	41S 24E 12	DSCR					
MCELMO CREEK L-12								
4303730040	05980	40S 25E 31	IS-DC					
MCELMO CREEK T-12								
4303730074	05980	40S 25E 33	DSCR					
MCELMO CR B-17								
4303730138	05980	41S 24E 11	DSCR					
MCELMO CR I-24								
4303730180	05980	41S 24E 13	DSCR					
MCELMO CR R-14								
4303730202	05980	41S 25E 4	DSCR					
MCELMO CR F-14								
4303730255	05980	41S 24E 1	DSCR					
MCELMO CR D-18								
4303730256	05980	41S 24E 11	DSCR					
MCELMO CR I-13								
4303730257	05980	41S 24E 1	DSCR					
MCELMO CREEK P-18								
4303730267	05980	41S 25E 8	IS-DC					
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ **Well File** _____
 (Location) Sec ___ Twp ___ Rng ___
 (API No.) _____

☐ **Suspense**
 (Return Date) _____
 (To - Initials) _____

☒ **Other**
OPER NM CHG _____

1. Date of Phone Call: 8-3-95 Time: _____

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☐)
 Talked to:

Name R. J. FIRTH (Initiated Call ☒) - Phone No. () _____
 of (Company/Organization) _____

3. Topic of Conversation: M E P N A / N7370

4. Highlights of Conversation: _____

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING
NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT
THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.

*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold)
☐ Designation of Operator

☐ Designation of Agent
☒ ~~XXX~~ Operator Name Change Only

1-LEC	7-PL
2-LWP	8-SJ
3-DEC	9-FILE
4-VLC	
5-RJF	
6-LWP	

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-2-95)

TO (new operator) MOBIL EXPLOR & PROD
 (address) C/O MOBIL OIL CORP
PO DRAWER G
CORTEZ CO 81321
 phone (303) 564-5212
 account no. N7370

FROM (former operator) M E P N A
 (address) C/O MOBIL OIL CORP
PO DRAWER G
CORTEZ CO 81321
 phone (303) 564-5212
 account no. N7370

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: <u>037-30074</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- LWP 6. Cardex file has been updated for each well listed above. 8-21-95
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

** No Fee Lease Wells at this time!*

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Lee* 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OTS*
8/5/95
- N/A* 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

FILMING

- ✓* 1. All attachments to this form have been microfilmed. Date: October 3 1995.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950803 UIC F5/Not necessary!

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

June 27, 2001

ExxonMobil
Production

Mr. Jim Thompson
State of Utah, Division of Oil, Gas and Mining
1549 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

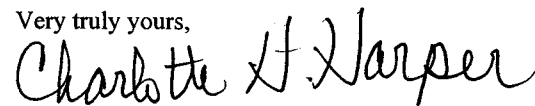
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Very truly yours,



Charlotte H. Harper
Permitting Supervisor

ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation



IN REPLY REFER TO:

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

NAVAJO REGION

P.O. Box 1060
Gallup, New Mexico 87305-1060

AUG 30 2001

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor
Exxon Mobil Production Company
U. S. West
P. O. Box 4358
Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

CEMI DENETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures ✓
Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

MINERAL RESOURCES	
ADM 1	<i>Q/MC</i>
NATV AMN COORD	
SOLID MIN TEAM	
PETRO MENT TEAM <i>2</i>	
O & G INSPECT TEAM	
ALL TEAM LEADERS	
LAND RESOURCES	
ENVIRONMENT	
FILES	

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

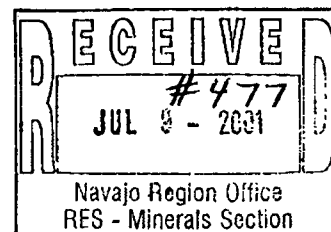
AB 7/12/01
SN
543
File

June 27, 2001

ExxonMobil
Production

Certified Mail
Return Receipt Requested

Ms. Genni Denetsone
United States Department of the Interior
Bureau of Indian Affairs, Navajo Region
Real Estate Services
P. O. Box 1060
Gallup, New Mexico 87305-1060
Mail Code 543



Change of Name -
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-, Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

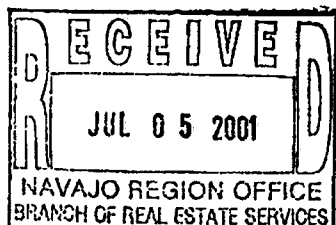
If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper

Charlotte H. Harper
Permitting Supervisor

Attachments



ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation

NOTE: Check forwarded to Ella Isasi.

Bureau of Indian Affairs
Navajo Region Office
Attn: RRES - Mineral and Mining Section
P.O. Box 1060
Gallup, New Mexico 87305-1060

Gentlemen:

The current listing of officers and director of ExxonMobil Oil Corporation (Name of Corporation), of New York (State) is as follows:

OFFICERS

President	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Vice President	<u>K.T. Koonce</u>	Address <u>800 Bell Street Houston, TX 77002</u>
Secretary	<u>F.L. Reid</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Treasure	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>

DIRECTORS

Name	<u>D.D. Humphreys</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>P.A. Hanson</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>T.P. Townsend</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>

Sincerely,



Alex Correa

This is to certify that the above information pertaining to ExxonMobil Oil Corporation (Corporation) is true and correct as evidenced by the records and accounts covering business for the State of Utah and in the custody of Corporation Service Company (Agent), Phone: 1 (800) 927-9800, whose business address is One Utah Center, 201 South Main Street, Salt Lake City, Utah 84111-2218



Signature

AGENT AND ATTORNEY IN FACT

Title

SAL

CERTIFICATION

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

CHANGE OF COMPANY NAME

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

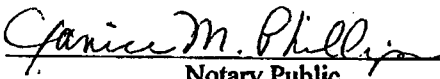
FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

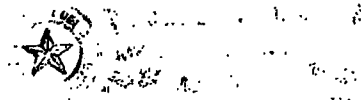
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.


Assistant Secretary

COUNTY OF DALLAS)
STATE OF TEXAS)
UNITED STATES OF AMERICA)

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.


Notary Public



LISTING OF LEASES OF MOBIL OIL CORPORATION**Lease Number**

- 1) 14-20-0603-6504
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14) 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

1000 West Loop South, Suite 1900, Houston, Texas 77027-3300
Tel: (713) 297-4600 • Fax: (713) 297-4750

NW Bond

FEDERAL INSURANCE COMPANY RIDER
to be attached to and form a part of

BOND NO 8027 31 97

wherein

Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is
named as Principal and

FEDERAL INSURANCE COMPANY AS SURETY,

in favor of United States of America, Department of the Interior
Bureau of Indian Affairs

in the amount of \$150,000.00
bond date: 11/01/65

IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001
the name of the Principal is changed

FROM: Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.

TO : ExxonMobil Oil Corporation

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12th of June, 2001.

ExxonMobil Oil Corporation

By: 

FEDERAL INSURANCE COMPANY

By: 

Mary Pierson, Attorney-in-fact

**Chubb
Surety****POWER
OF
ATTORNEY****Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company****Attn.: Surety Department
15 Mountain View Road
Warren, NJ 07059**

Know All by These Presents, That **FEDERAL INSURANCE COMPANY**, an Indiana corporation, **VIGILANT INSURANCE COMPANY**, a New York corporation, and **PACIFIC INDEMNITY COMPANY**, a Wisconsin corporation, do each hereby constitute and appoint

Mary Pierson, Philana Berros, and Jody E. Specht of Houston, Texas-----
R.F. Bobo,

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.

Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson
Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.
County of Somerset

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY**, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworn, did depose and say that he is Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and was thereto subscribed by authority of said Companies in the presence of the Notary Public.



Notary Public State of New Jersey
No. 2231647

Commission Expires Oct. 28, 2004

Karen Price
Notary Public

Extract from the By-Laws of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY**:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 12th day of June, 2001



Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY
Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

CSC

5184334741

06/01 '01 08:46 NO.410 03/05

CSC

06/01 '01 09:06 NO.135 02/04

F010601000187

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby certify:

FIRST: That the name of the corporation is MOBIL OIL CORPORATION and that said corporation was incorporated under the name of Standard Oil Company of New York.

SECOND: That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

THIRD: That the amendments to the Certificate of Incorporation effected by this Certificate are as follows:

(a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:

"1st The corporate name of said Company shall be,
ExxonMobil Oil Corporation",

(b) Article 7th of the Certificate of Incorporation, relating to the office of the corporation is hereby amended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.

CSC
CSC

5184334741

06/01 '01 08:47 NO.410 04/05
06/01 '01 09:06 NO.133 03/04

FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.


F. A. Risch, President

STATE OF TEXAS)
COUNTY OF DALLAS)

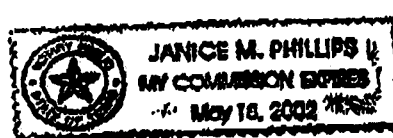
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.


F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 22nd day of May, 2001.

[SEAL]


NOTARY PUBLIC, STATE OF TEXAS



=> CSC

.TEL=5184334741

06/01'01 08:19

CSC
CSC

5184334741

06/01 '01 09:01 NO.411 02/02
06/01 '01 09:06 NO.133 04/04
F010601000187**CSC 45****CERTIFICATE OF AMENDMENT****OF****MOBIL OIL CORPORATION**

Under Section 805 of the Business Corporation Law

100 cc
**STATE OF NEW YORK
DEPARTMENT OF STATE**Filed by: EXXONMOBIL CORPORATION
(Name)

FILED JUN 01 2001

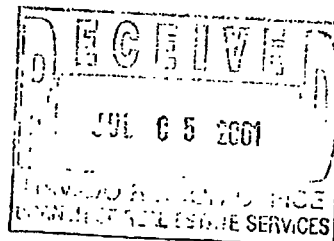
TAX \$

5959 Las Colinas Blvd.BY: *SAC*

(Mailing address)

Irving, TX 75039-2298

(City, State and Zip code)

Cust Ref # 1655781MPJ**010601000195**

=> CSC

TEL=5184334741

06/01'01 08:19

State of New York }
Department of State } ss:

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.

Witness my hand and seal of the Department of State on **JUN 01 2001**



Special Deputy Secretary of State

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **06-01-2001**

FROM: (Old Operator):	TO: (New Operator):
MOBIL EXPLORATION & PRODUCTION	EXXONMOBIL OIL CORPORATION
Address: P O BOX DRAWER "G"	Address: U S WEST P O BOX 4358
CORTEZ, CO 81321	HOUSTON, TX 77210-4358
Phone: 1-(970)-564-5212	Phone: 1-(713)-431-1010
Account No. N7370	Account No. N1855

CA No.

Unit:

MCELMO CREEK

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MCELMO CR N-12	32-40S-25E	43-037-30291	5980	INDIAN	OW	P
MCELMO CR N-10	32-40S-25E	43-037-30304	5980	INDIAN	OW	P
MCELMO CR O-09	32-40S-25E	43-037-30356	5980	INDIAN	OW	P
MCELMO CR Q-09	32-40S-25E	43-037-31013	5980	INDIAN	OW	P
MCELMO CR T-12	33-40S-25E	43-037-30074	5980	INDIAN	OW	P
MCELMO CR T-12A	33-40S-25E	43-037-30401	5980	INDIAN	OW	P
MCELMO CR S-11	33-40S-25E	43-037-30452	5980	INDIAN	OW	P
MCELMO CR U-11	33-40S-25E	43-037-30455	5980	INDIAN	OW	S
MCELMO CR S-08	33-40S-25E	43-037-30457	5980	INDIAN	OW	TA
MCELMO CR T-10	33-40S-25E	43-037-30460	5980	INDIAN	OW	P
MCELMO CR R-12	33-40S-25E	43-037-30651	5980	INDIAN	OW	P
MCELMO CR R-10	33-40S-25E	43-037-31121	5980	INDIAN	OW	P
MCELMO CR U-09	33-40S-25E	43-037-31122	5980	INDIAN	OW	P
MCELMO CR F-14	01-41S-24E	43-037-30255	5980	INDIAN	OW	P
MCELMO CR I-13	01-41S-24E	43-037-30257	5980	INDIAN	OW	S
MCELMO CR I-15	01-41S-24E	43-037-30361	5980	INDIAN	OW	P
MCELMO CR H-14	01-41S-24E	43-037-30362	5980	INDIAN	OW	P
MCELMO CR G-13	01-41S-24E	43-037-30363	5980	INDIAN	OW	P
MCELMO CR H-16	01-41S-24E	43-037-30366	5980	INDIAN	OW	P
MCELMO CR F-16	01-41S-24E	43-037-30381	5980	INDIAN	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/29/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/29/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 04/09/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 579865-0143
5. If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/01

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: BIA-06/01/2001

8. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 04/22/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/22/2002

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 80273197

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2006

FROM: (Old Operator):

N1855-ExxonMobil Oil Corporation
PO Box 4358
Houston, TX 77210-4358
Phone: 1 (281) 654-1936

TO: (New Operator):

N2700-Resolute Natural Resources Company
1675 Broadway, Suite 1950
Denver, CO 80202
Phone: 1 (303) 534-4600

CA No.

Unit:

MC ELMO

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
5. If **NO**, the operator was contacted on: _____
- 6a. (R649-9-2)Waste Management Plan has been received on: requested
- 6b. Inspections of LA PA state/fee well sites complete on: n/a
- 6c. Reports current for Production/Disposition & Sundries on: ok
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/12/2006

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 6/22/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/22/2006
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: 6/22/2006
6. **Receipt of Acceptance of Drilling Procedures** for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: n/a
2. Indian well(s) covered by Bond Number: PA002769
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Navajo Tribe

7. UNIT or CA AGREEMENT NAME:

McElmo Creek Unit

8. WELL NAME and NUMBER:

See attached list

9. API NUMBER:

Attached

10. FIELD AND POOL, OR WILDCAT:

Greater Aneth

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER Unit Agreement

2. NAME OF OPERATOR:

Resolute Natural Resources Company

N2700

3. ADDRESS OF OPERATOR:

1675 Broadway, Suite 1950 CITY Denver

STATE CO ZIP 80202

PHONE NUMBER:

(303) 534-4600

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached list

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the McElmo Creek Unit. Also effective June 1, 2006 Resolute Natural Resources Company is designated as successor operator of the McElmo Creek Unit.

A list of affected producing and water source wells is attached. A separate of affected injection wells is being submitted with UIC Form 5, Transfer of Authority to Inject.

As of the effective date, bond coverage for the affected wells will transfer to BIA Bond # PA002769.

NAME (PLEASE PRINT)

Dwight E Mallory

TITLE

Regulatory Coordinator

SIGNATURE

DATE

4/20/2006

(This space for State use only)

APPROVED

6/22/06

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

(5/2000)

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APR 24 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

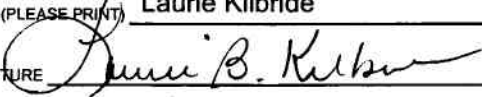
SUNDRY NOTICES AND REPORTS ON WELLS <small>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</small>		5. LEASE DESIGNATION AND SERIAL NUMBER: 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ship Rock 7. UNIT or CA AGREEMENT NAME: UTU68930A 8. WELL NAME and NUMBER: McElmo Creek 9. API NUMBER: attached 10. FIELD AND POOL, OR WILDCAT: Aneth
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		
2. NAME OF OPERATOR: ExxonMobil Oil Corporation <i>N1855</i>		
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY Houston STATE TX ZIP 77210-4358 PHONE NUMBER: (281) 654-1936		
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: San Juan QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		

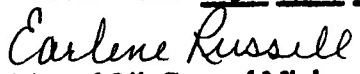
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT <small>(Submit in Duplicate)</small> Approximate date work will start: <u>6/1/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT <small>(Submit Original Form Only)</small> Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, McElmo Creek lease to Resolute Natural Resources Company. All change of operator notices should be made effective as of 7:00 AM MST on June 1, 2006.

Attached please find a listing of producers and water source wells included in the transfer.

NAME (PLEASE PRINT) <u>Laurie Kilbride</u>	TITLE <u>Permitting Supervisor</u>
SIGNATURE 	DATE <u>4/19/2006</u>

(This space for State use only) **APPROVED** 6/22/06

 Division of Oil, Gas and Mining
 Earlene Russell, Engineering Technician
 (5/2000) (See Instructions on Reverse Side)

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APR 21 2006
 DIV. OF OIL, GAS & MINING

McElmo Creek Unit - Producer Well List

Lease	Number	API #	Status	Lease #	Location					
					Sec	T	R	QTR/QTR	NSFoot	EWFoot
MCU	H-12	43037303600S1	Producing	14-200-6036145	36	40S	24E	SWSE	0643FSL	2123FEL
MCU	I-11	430373035800S1	Producing	14-200-6036145	36	40S	24E	NESE	1975FSL	0318FEL
MCU	F-12	430373038000S1	Producing	14-200-6036146	36	40S	24E	SWSW	0585FSL	0628FWL
MCU	G-11	430373037600S1	Producing	14-200-6036146	36	40S	24E	NESW	1957FSL	1995FWL
MCU	D-16	430373038700S1	Producing	14-200-6036147	2	41S	24E	SWSE	0622FSL	1773FSL
MCU	E-15	430373038900S1	Producing	14-200-6036147	2	41S	24E	NESE	1877FSL	0575FEL
MCU	C-15	430373038400S1	Producing	14-200-6036508	2	41S	24E	NESW	1765FSL	3206FEL
MCU	C-13	430373037900S1	TA	14-200-6036509	2	41S	24E	NENW	0881FNL	3076FEL
MCU	D-14	430373038600S1	Producing	14-200-6036510	2	41S	24E	SWNE	1884FNL	1856FEL
MCU	E-13	430373038800S1	SI	14-200-6036510	2	41S	24E	NENE	0789FNL	0296FEL
MCU	U-08	430373045400S1	Producing	14-20-6032048A	28	40S	25E	SESE	0100FSL	0650FEL
MCU	R-10	430373112100S1	SI	14-20-6032057	33	40S	25E	SWNW	2326FNL	0632FWL
MCU	R-12	430373065100S1	Producing	14-20-6032057	33	40S	25E	SWSW	0692FSL	0339FWL
MCU	R-14	430373020200S1	Producing	14-20-6032057	4	41S	25E	SWNW	2030FNL	0560FWL
MCU	R-16	430373027200S1	Producing	14-20-6032057	4	41S	25E	SWSW	0656FSL	0505FWL
MCU	S-11	430373045200S1	Producing	14-20-6032057	33	40S	25E	NESW	1928FSL	1731FWL
MCU	S-13	430373045300S1	Producing	14-20-6032057	4	41S	25E	NENW	0761FNL	1837FWL
MCU	S-15	430373063200S1	Producing	14-20-6032057	4	41S	25E	NESW	1854FSL	1622FWL
MCU	T-10	430373046000S1	Producing	14-20-6032057	33	40S	25E	SWNE	1931FNL	1793FEL
MCU	T-12	430373007400S1	Producing	14-20-6032057	33	40S	25E	NWSE	1940FSL	1960FEL
MCU	T-12A	430373040100S1	Producing	14-20-6032057	33	40S	25E	SWSE	0590FSL	2007FEL
MCU	T-14	430373045900S1	Producing	14-20-6032057	4	41S	25E	SWNE	1922FNL	1903FEL
MCU	T-16	430373065400S1	Producing	14-20-6032057	4	41S	25E	SWSE	0630FSL	2030FEL
MCU	U-09	430373112200S1	Producing	14-20-6032057	33	40S	25E	NENE	1019FNL	0526FEL
MCU	U-13	430373045600S1	Producing	14-20-6032057	4	41S	25E	NENE	0700FNL	0700FEL
MCU	U-15	430373063300S1	Producing	14-20-6032057	4	41S	25E	NESE	1798FSL	0706FEL
MCU	V-14	430373065300S1	SI	14-20-6032057	3	41S	25E	SWNW	2091FNL	0322FWL
MCU	J-18	430373031800S1	Producing	14-20-603263	7	41S	25E	SWNW	1823FNL	0663FWL
MCU	J-20	430373030600S1	Producing	14-20-603263	7	41S	25E	SWSW	0819FSL	0577FWL
MCU	J-22	430373034100S1	Producing	14-20-603263	18	41S	25E	SWNW	1977FNL	0515FWL
MCU	J-23	430371550000S1	Producing	14-20-603263	18	41S	25E	NWSW	1980FSL	0575FWL
MCU	J-24	430373120500S1	Producing	14-20-603263	18	41S	25E	SWSW	0675FSL	0575FWL
MCU	K-17	430373032800S1	Producing	14-20-603263	7	41S	25E	NENW	0763FNL	1898FWL
MCU	K-19	430373032700S1	Producing	14-20-603263	7	41S	25E	NESW	1999FSL	1807FWL
MCU	K-21	430373030200S1	Producing	14-20-603263	18	41S	25E	NENW	0738FNL	1735FWL
MCU	K-23	430373033600S1	Producing	14-20-603263	18	41S	25E	NESW	1833FSL	1823FWL
MCU	L-18	430373031900S1	Producing	14-20-603263	7	41S	25E	SWNE	1950FNL	1959FEL
MCU	L-20	430373031300S1	Producing	14-20-603263	7	41S	25E	SWSE	0312FSL	1560FEL
MCU	L-22	430373034700S1	Producing	14-20-603263	18	41S	25E	NWSE	2844FSL	2140FEL
MCU	L-24	430373033900S1	SI	14-20-603263	18	41S	25E	SWSE	1980FNL	1980FEL
MCU	M-17	430373031400S1	Producing	14-20-603263	7	41S	25E	NENE	0454FNL	1031FEL
MCU	M-19	430373030700S1	Producing	14-20-603263	7	41S	25E	NESE	2012FSL	0772FEL
MCU	M-21	430373030300S1	Producing	14-20-603263	18	41S	25E	NENE	0919FNL	0463FEL
MCU	M-22	430371551200S1	Producing	14-20-603263	18	41S	25E	SENE	1720FNL	0500FEL
MCU	M-23	430373033800S1	Producing	14-20-603263	18	41S	25E	NESE	1890FSL	4214FWL
MCU	M-24	430371551300S1	Producing	14-20-603263	18	41S	25E	SESE	0500FSL	0820FEL
MCU	N-18	430373028600S1	Producing	14-20-603263	8	41S	25E	SWNW	1779FNL	0573FWL
MCU	N-20	430373026900S1	Producing	14-20-603263	8	41S	25E	SWSW	0620FSL	0634FWL
MCU	N-22	430373066100S1	SI	14-20-603263	17	41S	25E	SWNW	1763FNL	0730FWL
MCU	O-17	430373028900S1	Producing	14-20-603263	8	41S	25E	NENW	0627FNL	1855FWL
MCU	O-19	430373027000S1	Producing	14-20-603263	8	41S	25E	NESW	1932FSL	2020FWL
MCU	O-20	430371551800S1	Producing	14-20-603263	8	41S	25E	SESW	0660FSL	1980FWL
MCU	O-21	430373066200S1	Producing	14-20-603263	17	41S	25E	NENW	0796FNL	1868FWL
MCU	O-22A	430371597000S1	Producing	14-20-603263	17	41S	25E	SENW	1840FNL	1928FWL
MCU	O-23	430373112300S1	Producing	14-20-603263	17	41S	25E	NESW	2276FSL	1966FWL

McElmo Creek Unit - Producer Well List

Lease	Number	API #	Status	Lease #	Location						
					Sec	T	R	QTR/QTR	NSFoot	EWFoot	
MCU	P-18	430373026700S1	Producing	14-20-603263	8	41S	25E	SWNE	1816FNL	1855FEL	
MCU	P-22	430373050600S1	Producing	14-20-603263	17	41S	25E	SWNE	2035FNL	2135FEL	
MCU	Q-17	430373027100S1	SI	14-20-603263	8	41S	25E	NENE	0714FNL	0286FEL	
MCU	Q-18	430371552100S1	SI	14-20-603263	8	41S	25E	SENE	1980FNL	0660FEL	
MCU	Q-19	430373065200S1	SI	14-20-603263	8	41S	25E	NESE	1957FSL	0899FEL	
MCU	Q-20	430371552200S1	SI	14-20-603263	8	41S	25E	SESE	0650FSL	0740FEL	
MCU	Q-21	430373046300S1	Producing	14-20-603263	17	41S	25E	NENE	0730FNL	0780FEL	
MCU	Q-23	430373112400S1	SI	14-20-603263	17	41S	25E	NESE	2501FSL	0581FEL	
MCU	J-25	430371550100S1	SI	14-20-603264	19	41S	25E	NWNW	0750FNL	0695FWL	
MCU	K-25	430373118600S1	Producing	14-20-603264	19	41S	25E	NENW	0440FNL	1780FWL	
MCU	R-18	430373077800S1	Producing	14-20-603359	9	41S	25E	SWNW	1808FNL	0513FWL	
MCU	S-17	430373077900S1	Producing	14-20-603359	9	41S	25E	NENW	700FNL	1899FWL	
MCU	S-18	430371597800S1	Producing	14-20-603359	9	41S	25E	SENE	1943FNL	1910FWL	
MCU	S-19	430373078000S1	Producing	14-20-603359	9	41S	25E	NESW	3391FNL	2340FWL	
MCU	S-22	430371598000S1	Producing	14-20-603359	16	41S	25E	SENE	1980FNL	1980FWL	
MCU	T-18	430373078100S1	Producing	14-20-603359	9	41S	25E	SWNE	1774FNL	3499FWL	
MCU	U-17	430373078200S1	Producing	14-20-603359	9	41S	25E	NENE	0625FNL	4399FWL	
MCU	U-18	430371598200S1	Producing	14-20-603359	9	41S	25E	SENE	2048FNL	0805FEL	
MCU	F-22	430371594700S1	Producing	14-20-603370	13	41S	24E	SWNW	1800FNL	0664FWL	
MCU	G-22	430373120400S1	TA	14-20-603370	13	41S	24E	SENE	1910FNL	2051FWL	
MCU	G-24	430373100800S1	Producing	14-20-603370	13	41S	24E	SESW	0458FSL	2540FWL	
MCU	H-21	430373119200S1	Producing	14-20-603370	13	41S	24E	NWNE	0715FNL	2161FEL	
MCU	H-22	430371595000S1	Producing	14-20-603370	13	41S	24E	SWNE	1980FNL	1980FEL	
MCU	H-23	430373119300S1	Producing	14-20-603370	13	41S	24E	NWSE	2178FSL	1777FEL	
MCU	H-24	430371595100S1	TA	14-20-603370	13	41S	24E	SWSE	1820FSL	0500FEL	
MCU	H-26	430371595200S1	Producing	14-20-603370	24	41S	24E	SWNE	2053FNL	2077FEL	
MCU	I-21	430371595300S1	SI	14-20-603370	13	41S	24E	NENE	0810FNL	0660FEL	
MCU	I-22	430373118700S1	Producing	14-20-603370	13	41S	24E	SENE	1975FNL	0700FEL	
MCU	I-24	430373018000S1	Producing	14-20-603370	13	41S	24E	SESE	0660FSL	0250FEL	
MCU	I-16B	430373041700S1	Producing	14-20-603372	6	41S	25E	NWSW	1442FSL	0040FWL	
MCU	J-12	430373034200S1	Producing	14-20-603372	31	40S	25E	SWSW	0631FSL	0495FWL	
MCU	J-14	430373032100S1	Producing	14-20-603372	6	41S	25E	SWNW	1822FNL	0543FWL	
MCU	J-15B	430373041400S1	Producing	14-20-603372	6	41S	25E	NWSW	2679FNL	1299FWL	
MCU	J-16A	430373101100S1	Producing	14-20-603372	6	41S	25E	SWSW	0601FSL	0524FWL	
MCU	K-11	430373035900S1	Producing	14-20-603372	31	40S	25E	NESW	1803FSL	1887FWL	
MCU	K-13	430373033700S1	Producing	14-20-603372	6	41S	25E	NENW	0935FNL	2132FWL	
MCU	K-15	430373032600S1	Producing	14-20-603372	6	41S	25E	NESW	1920FSL	1950FWL	
MCU	L-12	430373004000S1	Producing	14-20-603372	31	40S	25E	SWSE	0100FSL	1700FEL	
MCU	L-14	430373032300S1	SI	14-20-603372	6	41S	25E	SWNE	1955FNL	1821FEL	
MCU	L-16	430373032400S1	SI	14-20-603372	6	41S	25E	SESW	0642FSL	1788FEL	
MCU	M-11	430373035400S1	Producing	14-20-603372	31	40S	25E	NESE	2028FSL	0535FEL	
MCU	M-12B	430373041600S1	Producing	14-20-603372	31	40S	25E	SESE	1230FSL	0057FEL	
MCU	M-13	430373032000S1	Producing	14-20-603372	6	41S	25E	NENE	0897FNL	0402FEL	
MCU	M-15	430373031500S1	Producing	14-20-603372	6	41S	25E	NESE	1927FSL	0377FEL	
MCU	N-10	430373030400S1	Producing	14-20-603372	32	40S	25E	SWNW	3280FSL	0360FWL	
MCU	N-12	430373029100S1	SI	14-20-603372	32	40S	25E	SWSW	1266FSL	1038FWL	
MCU	N-14	430373028100S1	SI	14-20-603372	5	41S	25E	SWNW	2053FNL	0767FWL	
MCU	N-16	430373027700S1	SI	14-20-603372	5	41S	25E	SWSW	0665FSL	0788FWL	
MCU	O-09	430373035600S1	Producing	14-20-603372	32	40S	25E	NENW	0604FNL	1980FWL	
MCU	O-11	430373028200S1	Producing	14-20-603372	32	40S	25E	NESW	2094FSL	1884FWL	
MCU	O-13	430373028000S1	Producing	14-20-603372	5	41S	25E	NENW	0562FNL	2200FWL	
MCU	O-15	430373027500S1	SI	14-20-603372	5	41S	25E	NESW	2017FSL	2054FWL	
MCU	P-10	430373028401S1	Producing	14-20-603372	32	40S	25E	SWNE	3328FSL	1890FEL	
MCU	P-14	430373027600S1	TA	14-20-603372	5	41S	25E	SWNE	1947FNL	1852FEL	
MCU	P-16	430373028700S1	Producing	14-20-603372	5	41S	25E	SWSE	0680FSL	1865FEL	
MCU	Q-09	430373101300S1	Producing	14-20-603372	32	40S	25E	NENE	0753FNL	0574FEL	
MCU	Q-11	430373028300S1	Producing	14-20-603372	32	40S	25E	NESE	2027FSL	0868FEL	
MCU	Q-13	430373028800S1	Producing	14-20-603372	5	41S	25E	NENE	0699FNL	0760FEL	
MCU	Q-15	430373029000S1	Producing	14-20-603372	5	41S	25E	NESE	2027FSL	0591FEL	

McElmo Creek Unit - Producer Well List

Lease	Number	API #	Status	Lease #	Location					
					Sec	T	R	QTR/QTR	NSFoot	EWFoot
MCU	F-14	430373025500S1	Producing	14-20-6034032	1	41S	24E	SWNW	2041FNL	0741FWL
MCU	F-16	430373038100S1	Producing	14-20-6034032	1	41S	24E	SWSW	0813FSL	0339FWL
MCU	G-13	430373036300S1	Producing	14-20-6034032	1	41S	24E	NENW	0656FNL	1999FWL
MCU	H-14	430373036200S1	Producing	14-20-6034032	1	41S	24E	SWNE	1937FNL	2071FEL
MCU	I-13	430373025700S1	Producing	14-20-6034032	1	41S	24E	NENE	0624FNL	0624FEL
MCU	E-17	430373039000S1	SI	14-20-6034039	11	41S	24E	NENE	0713FNL	0661FEL
MCU	G-17	430373037800S1	Producing	14-20-6034039	12	41S	24E	NENW	0649FNL	1904FWL
MCU	H-16	430373036600S1	Producing	14-20-6034039	1	41S	24E	SWSE	0923FSL	1974FEL
MCU	H-17B	430373041500S1	SI	14-20-6034039	1	41S	24E	SESE	0105FSL	1250FEL
MCU	I-15	430373036100S1	Producing	14-20-6034039	1	41S	24E	NESE	1895FSL	0601FEL
MCU	I-17	430373036700S1	Producing	14-20-6034039	12	41S	24E	NENE	0646FNL	0493FEL
MCU	G-18B	430373039900S1	Producing	14-20-6034495	12	41S	24E	NWNE	1332FNL	2605FEL
MCU	H-18	430373036400S1	SI	14-20-6034495	12	41S	24E	SWNE	1922FNL	1942FEL
MCU	I-19	430373036500S1	Producing	14-20-6034495	12	41S	24E	NESE	2060FSL	0473FEL
MCU	D-18	430373025600S1	Producing	14-20-6035447	11	41S	24E	SWNE	2380FNL	2000FEL
MCU	E-18	430371570600S1	Producing	14-20-6035447	11	41S	24E	SENE	1600FNL	0660FEL
MCU	F-18	430372018400S1	Producing	14-20-6035447	12	41S	24E	SWNW	1820FSL	2140FEL
MCU	C-17	430373038500S1	TA	14-20-6035448	11	41S	24E	NENW	0182FNL	3144FEL
MCU	C-19	430371570300S1	Producing	14-20-6035448	11	41S	24E	NESW	1980FSL	2060FWL
MCU	F-20	430371570700S1	TA	14-20-6035450	12	41S	24E	SWSW	0510FSL	0510FWL
MCU	G-20	430373118800S1	SI	14-20-6035450	12	41S	24E	SESW	0250FSL	1820FWL
MCU	H-19	430372030400S1	Producing	14-20-6035451	12	41S	24E	NWSE	2035FSL	1900FEL
MCU	H-20	430371570800S1	SI	14-20-6035451	12	41S	24E	SWSE	0300FSL	2200FEL
MCU	N-08	430373101200S1	Producing	I-149-IND8839	29	40S	25E	SWSW	0700FSL	0699FWL
MCU	O-08	430371614600S1	SI	I-149-IND8839	29	40S	25E	SESW	0750FSL	2030FWL
MCU	P-08	430373035500S1	SI	I-149-IND8839	29	40S	25E	SWSE	0765FSL	3170FWL
MCU	P-12	430373027800S1	SI	NOG-99041326	32	40S	25E	SWSE	758FSL	2237FEL

Water Source Wells (Feb 2006)

MCU	2	4303712715	Active
MCU	3	4303712716	Active
MCU	4	4303712717	Active
MCU	5	4303712718	Active
MCU	6	4303712719	Active
MCU	7	4303712720	Active
MCU	8	4303712721	Active
MCU	9	4303712722	Active
MCU	10	4303712723	Active
MCU	11	4303712724	Active
MCU	12		Inactive
MCU	13	4303712726	Active
MCU	14	4303712727	Active
MCU	15	4303712728	Active
MCU	16	4303712729	Active
MCU	17	4303712730	Active
MCU	18	4303767001	Active
MCU	19	4303712732	Active
MCU	20	4303712733	Active
MCU	21	4303712734	Active
MCU	PIT1	4303700297	Active

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2057
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES		7. UNIT or CA AGREEMENT NAME: MCELMO CREEK
3. ADDRESS OF OPERATOR: 1675 Boradway Ste 1950 , Denver, CO, 80202		8. WELL NAME and NUMBER: MCELMO CREEK T-12
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1940 FSL 1960 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 33 Township: 40.0S Range: 25.0E Meridian: S		9. API NUMBER: 43037300740000
9. FIELD and POOL or WILDCAT: GREATER ANETH		COUNTY: SAN JUAN
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/15/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="repair ESP"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 Resolute proposes to repair the ESP in the subject well. This is to restore production. The procedure and well bore diagram are attached.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: October 04, 2013
By: *Derek Quist*

NAME (PLEASE PRINT) Sherry Glass	PHONE NUMBER 303 573-4886	TITLE Sr Regulatory Technician
SIGNATURE N/A	DATE 8/28/2013	

RESOLUTE

NATURAL RESOURCES

MCU T-12
NWSE sec 33-T40S-R25E
1940 FSL, 1960 FEL
4303730074

ESP Repair

Job Scope

Job Scope includes: Pull tubing & ESP, Clean out to TD, replace 3-1/2" tubing string w/2-7/8", and run downsized ESP.

Procedure

- 1) MIRU WSU. LOTO equipment. Test rig anchors as required.
- 2) Kill well as necessary.
- 3) NDWH. NU BOP. Test BOP.
- 4) MIRU ESP cable spooler.
- 5) POOH with the 3-1/2" tubing, ESP assembly, ESP cable, and 60' x 3/8" capillary string.
- 6) Stand back tubing & inspect for tubing condition. Call Bill Albert for tubing inspection at (970) 371-9682 or if unavailable, call Tech Support: Virgil Holly (435) 444-0020 or Julius Claw (435) 444-0156.
- 7) Lay down failed ESP assembly.
- 8) Make bit & scraper trip on 3-1/2" tbg to 5907' PBD w/scraper spaced ~8 jts above the bit. Perform N2 cleanout.
- 9) POOH, laying down 3-1/2" tubing.
- 10) RIH with replacement ESP assembly & Centinel, ESP cable, **2-7/8" tubing**, including 2-7/8" check valve two joints above the ESP and 'XA' sliding sleeve w/1.81 X nipple profile 1 joint above the check valve. Run 1/4" cap string to top of ESP if possible.
- 11) Land tubing with ESP assembly bottom at ~5670-80', just above top of perforations at 5684'.
- 12) Perform WH penetrator tie-ins at tubing hanger, including capillary stinger for chemical injection, and land tubing.
- 13) ND BOPE. NUWH. Re-connect to VSD and transformer.
- 14) Perform necessary tests to ensure that the pump is ready to be returned to production.
- 15) Notify Operations that the well is ready to return to production.
- 16) RDMOL.
- 17) Hook up appropriate chemical treatment equipment.

Wellbore Schematic

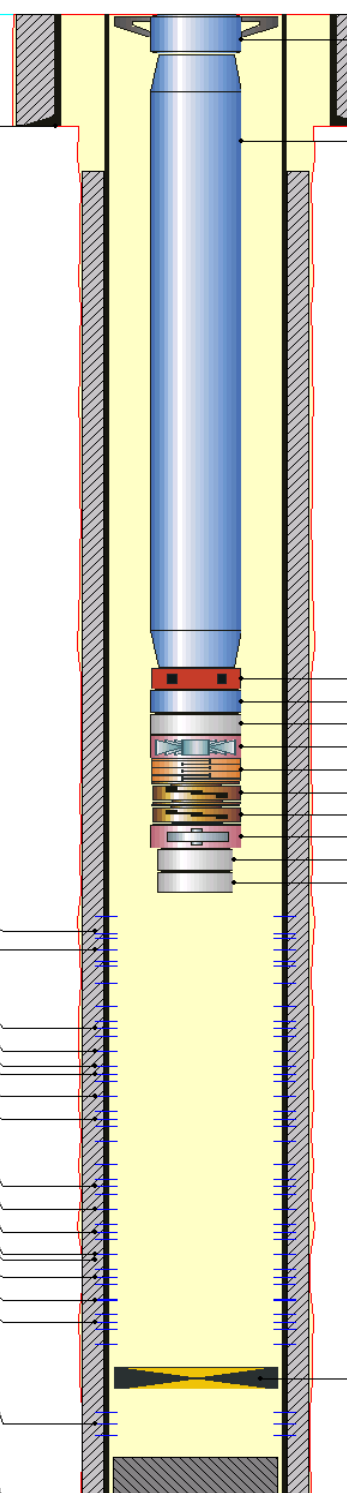
Well: Mcelmo Cr T12
Field: McElmo Creek

Resolute Natural Resources

Printed: 8/26/2013 Page #1 of 1 Page(s)

Well Header

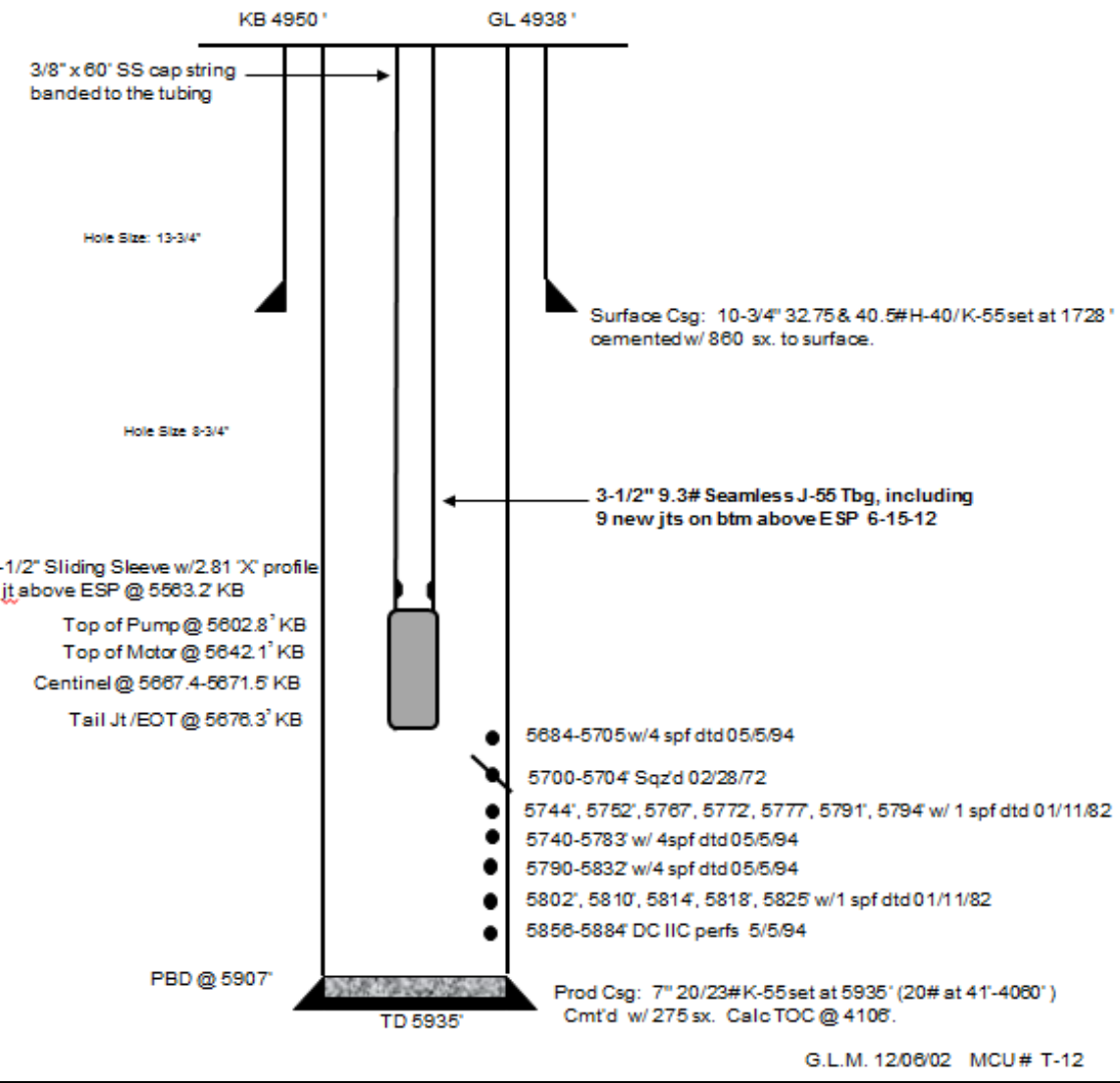
State File No. McElmo Cr	County/District San Juan	State/Province Utah	Last Mod By Any ibenally	Last Mod Date Any (UTC) 8/26/2013
Surface Legal Location SE NW SE	Legal Survey Type Congressional	UDB Wellbore ID 430373007400	UDB Well ID T-12	
Original KB Elevation (ft) 4,950.00	KB-Ground Distance (ft)	Ground Elevation (ft)	Well Spud Date/Time 1/20/1972	Basin Paradox Basin

Wellbore Config: Vertical - Mcelmo Cr T12, 8/26/2013 2:04:38 PM				
ftKB (MD)	ftKB (TVD)	Incl	Schematic - Actual	
0				
0				
1				
41				
1,726				
1,728				
3,391				
3,835				
5,226				
5,230				
5,260				
5,275				
5,288				
5,290				
5,290				
5,292				
5,294				
5,297				
5,304				
5,314				
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5,791				
5,794				
5,802				
5,810				
5,814				
5,818				
5,825				
5,832				
5,851				
5,853				
5,856				
5,864				
5,907				
5,933				
5,935				
			Des: Tubing Hanger, OD: 3 1/2in, Top (MD): 0 ftKB, Length: 0.8ft	
			Des: Surface casing consist of 32.75# K-55 and H-40 casing. Location and length of each is unknown	
			Des: Tubing, OD: 3 1/2in, Wt: 9.30lbs/ft, Grd: J-55, Top (MD): 1 ftKB, Length: 5,550.4ft	
			Des: Surface Casing, OD: 10 3/4in, Grd: Unknown, Wt: 32.75lbs/ft, Btm (MD): 1,728 ftKB	
			Des: Sliding Sleeve, OD: 3 1/2in, Top (MD): 5,551 ftKB, Length: 3.4ft	
			Des: Tubing, OD: 3 1/2in, Wt: 9.30lbs/ft, Grd: J-55, Top (MD): 5,555 ftKB, Length: 31.3ft	
			Des: Tubing Pup Joint, OD: 3 1/2in, Top (MD): 5,586 ftKB, Length: 4.9ft	
			Des: ESP - Pump, OD: 3 1/2in, Top (MD): 5,591 ftKB, Length: 22.2ft	
			Des: Gas separator, OD: 3 1/2in, Top (MD): 5,613 ftKB, Length: 3.3ft	
			Des: Seal, OD: 3 1/2in, Top (MD): 5,616 ftKB, Length: 6.9ft	
			Des: Seal, OD: 3 1/2in, Top (MD): 5,623 ftKB, Length: 6.9ft	
			Des: ESP - Motor, OD: 3 1/2in, Top (MD): 5,630 ftKB, Length: 25.3ft	
			Des: Centinel, OD: 2 7/8in, Top (MD): 5,655 ftKB, Length: 4.1ft	
			Des: Tail Pipe, OD: 2 7/8in, Top (MD): 5,660 ftKB, Length: 4.8ft	
			Perforation, 5,684-5,705 ftKB	
			Perforation, 5,700-5,704 ftKB	
			Perforation, 5,744 ftKB	
			Perforation, 5,752 ftKB	
			Perforation, 5,740-5,783 ftKB	
			Perforation, 5,767 ftKB	
			Perforation, 5,772 ftKB	
			Perforation, 5,777 ftKB	
			Perforation, 5,791 ftKB	
			Perforation, 5,794 ftKB	
			Perforation, 5,802 ftKB	
			Perforation, 5,810 ftKB	
			Perforation, 5,790-5,832 ftKB	
			Perforation, 5,814 ftKB	
			Perforation, 5,818 ftKB	
			Perforation, 5,825 ftKB	
			Perforation, 5,856-5,864 ftKB	
			Des: Plug, Date: 1/21/1972, Top (MD): 5,907 ftKB, Length: 28.0ft, Com: ORIGINAL PBTD	
			Des: Production Casing, OD: 7in, Grd: Unknown, Wt: 23.00lbs/ft, Btm (MD): 5,935 ftKB	
			Des: Bridge Plug - Retrievable, OD: 4.887in, Depth (MD): 5,851-5,853 ftKB	

McELMO CREEK UNIT # T-12

GREATER ANETH FIELD
1940' FSL & 1960' FEL
SEC 33-T40S-R25E
SAN JUAN COUNTY, UTAH
API 43-037-30074
PRISM 0000412

PRODUCER



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2057			
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2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES		7. UNIT or CA AGREEMENT NAME: MCELMO CREEK			
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		8. WELL NAME and NUMBER: MCELMO CREEK T-12			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1940 FSL 1960 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 33 Township: 40.0S Range: 25.0E Meridian: S		9. API NUMBER: 43037300740000			
9. FIELD and POOL or WILDCAT: GREATER ANETH		COUNTY: SAN JUAN			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/20/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="ESP Repair"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="ESP Repair"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="ESP Repair"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Resolute Natural Resources respectfully submits this sundry as notice of ESP Repair. Attached are the procedure and schematic					
Accepted by the Utah Division of Oil, Gas and Mining July 02, 2014 Date: _____ By: <u>Derek Quist</u>					
NAME (PLEASE PRINT) Erin Joseph		PHONE NUMBER 303 573-4886			
SIGNATURE N/A		TITLE Sr. Regulatory Analyst			
DATE 6/18/2014					

RESOLUTE

NATURAL RESOURCES

MCU T-12 ESP Repair

Procedure

Horsley Witten: **NO**

- 1) MIRU WSU. LOTO equipment. Test rig anchors as required.
- 2) Kill well as necessary.
- 3) NDWH. NU BOP. Test BOP.
- 4) MIRU Centrilift.
- 5) POOH with the 2-7/8" tubing and LD ESP assembly.
- 6) Stand back tubing & inspect for tubing condition. Call Bill Albert for tubing inspection at (970) 371-9682 or if unavailable, call Tech Support: Virgil Holly (435) 730-5087
- 7) PU 7" packer for swabbing. RIH with production tubing and extra joints to 5840 KB. Set packer.
- 8) Swab on DCIIC perfs (5856 - 5864) to collect a representative oil/water cut. Note volume of gas while swabbing. Estimate one day for testing.
- 9) Kill well as necessary. POOH with tbg and pkr. Prep to run ESP.
- 10) MIRU Centrilift. PU replacement ESP assembly.
- 11) RIH with replacement ESP assembly & Centinel, ESP cable, and 2-7/8" tubing; including sliding sleeve X nipple profile 1 joint above the ESP.
- 12) Land tubing with ESP Centinel bottom at ~5600' =84' above top of perforations at 5684'.
- 13) Perform WH penetrator tie-ins at tubing hanger (Quick Connect rep), re-install 60' capillary stinger for chemical injection,
- 14) ND BOPE. NUWH. Re-connect to VSD and transformer.
- 15) Perform necessary tests to ensure that the pump is ready to be returned to production.
- 16) Notify Operations that the well is ready to return to production.
- 17) RDMOL.
- 18) Hook up appropriate chemical treatment equipment.

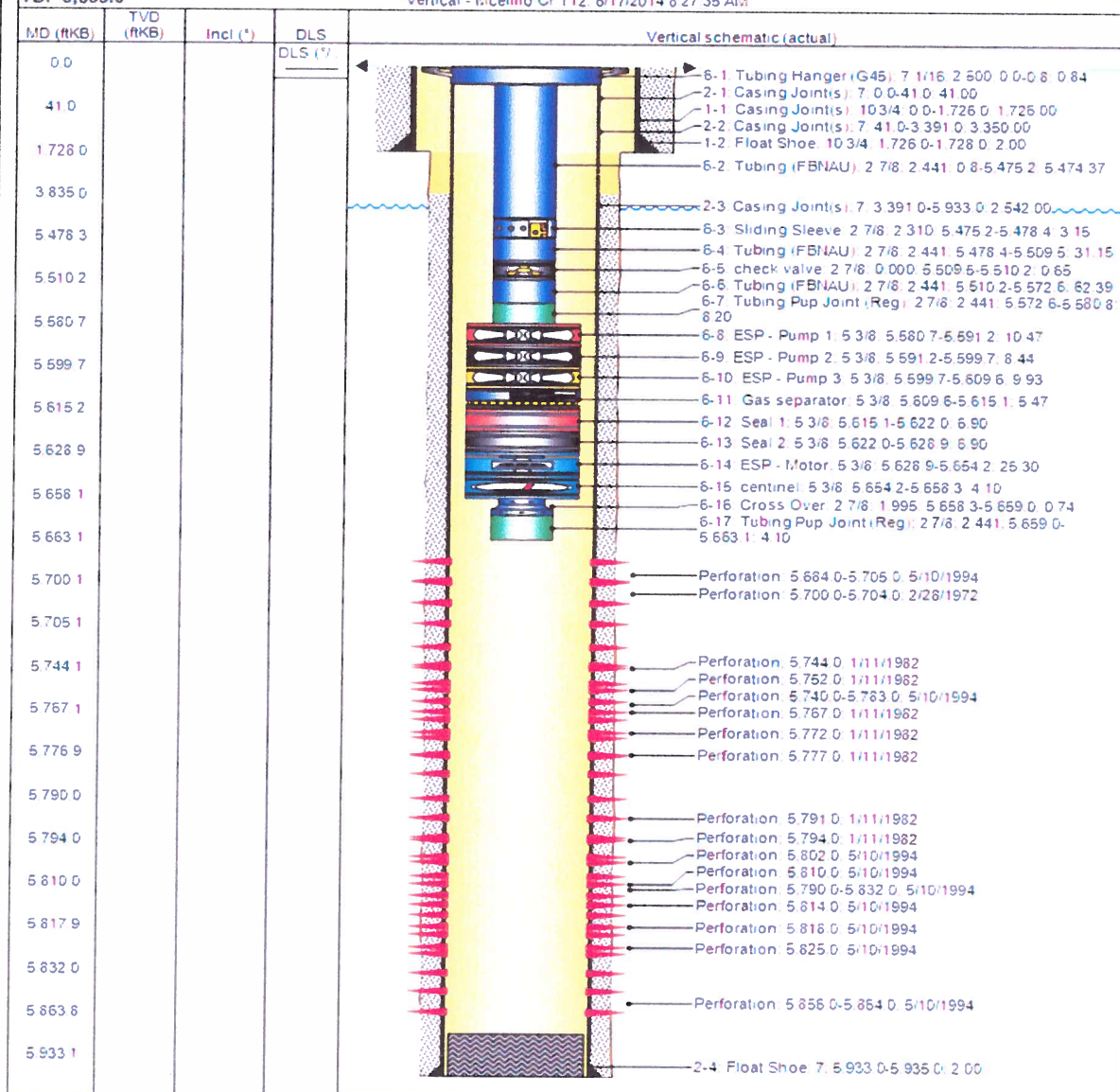
Resolute

Well Name: MCU T-12

API Number	Section	Grid	Township	Range	Block	Reg Spool Bit	Field Name	County	State	Well
4303730074	33	SE NW SE	40S	25E		1-22-1972 00-00	San Juan	Utah		67 50
Most Recent Job										
Job Category:		Primary Job Type:		Secondary Job Type:		Start Date:		End Date:		
Completion/Workover		Repair - ESP Pump				6/26/2013		9/16/2013		

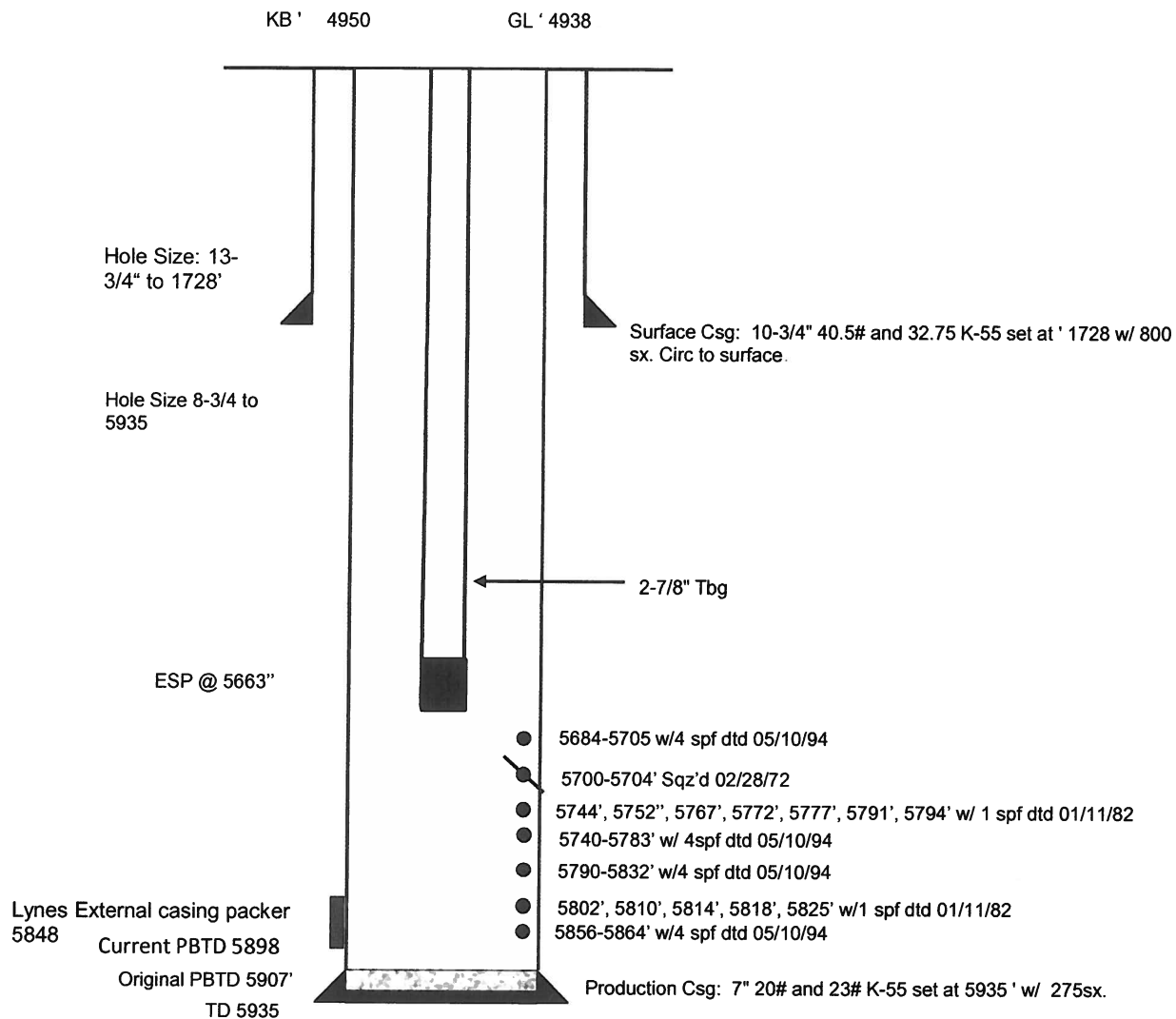
TD: 5,935.0

Vertical - McElmo Cr T12 6/17/2014 8:27:35 AM



McELMO CREEK UNIT # T-12
GREATER ANETH FIELD
1940' FSL & 1960' FEL
SEC 33-T40S-R25E
SAN JUAN COUNTY, UTAH
API 43-037-30074

PRODUCER



G.L.M. 12/06/02 MCU # T-12 Revised
6/16/2014 RKS

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2057
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2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES		7. UNIT or CA AGREEMENT NAME: MCELMO CREEK
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		8. WELL NAME and NUMBER: MCELMO CREEK T-12
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1940 FSL 1960 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 33 Township: 40.0S Range: 25.0E Meridian: S		9. API NUMBER: 43037300740000
PHONE NUMBER: 303 534-4600 Ext		9. FIELD and POOL or WILDCAT: GREATER ANETH
COUNTY: SAN JUAN		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/12/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="ESP Repair"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Resolute Natural Resources respectfully submits this sundry as notice that the ESP repair on the above well was completed on 7/12/2014 according to previously submitted procedures.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 28, 2014		
NAME (PLEASE PRINT) Erin Joseph	PHONE NUMBER 303 573-4886	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 7/25/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2057			
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9. FIELD and POOL or WILDCAT: GREATER ANETH		COUNTY: SAN JUAN			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/8/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: ESP Replacement </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: ESP Replacement
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Resolute Natural Resources respectfully submits this sundry as notice of a ESP replacement and tubing repair. Attached are the procedures and schematic					
Accepted by the Utah Division of Oil, Gas and Mining Date: June 04, 2015 By:					
NAME (PLEASE PRINT) Erin Joseph		PHONE NUMBER 303 573-4886			
SIGNATURE N/A		TITLE Sr. Regulatory Analyst			
DATE 6/2/2015					

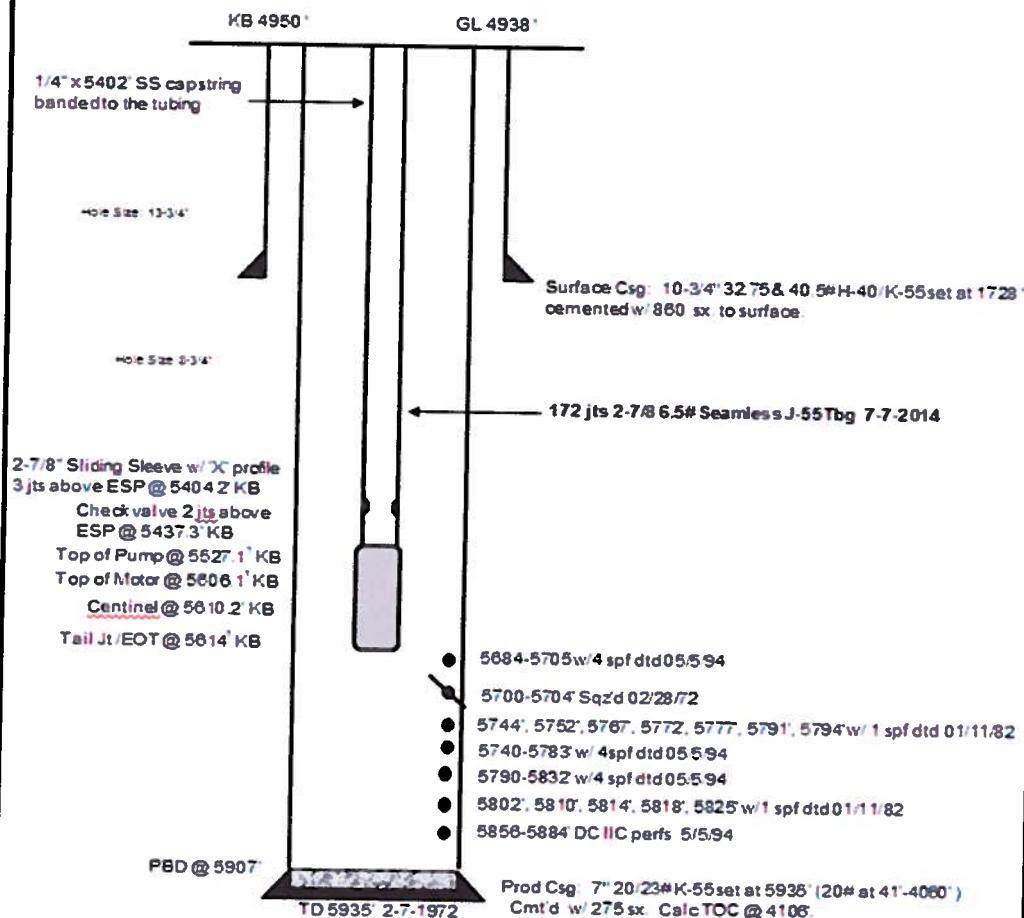
Procedure

Horsley Witten: NO

- 1) MIRU WSU. LOTO equipment. Test rig anchors as required.
- 2) Kill well as necessary.
- 3) NDWH. NU BOP. Test BOP.
- 4) MIRU Centrilift cable spooler.
- 5) POOH with the 2-7/8" tubing and LD ESP assembly, including 1/4" cap string to 5402' (plugged).
- 6) Stand back tubing & inspect for tubing condition. Call Bill Albert for tubing inspection at (970) 371-9682 or if unavailable, call Tech Support: Virgil Holly (435) 730-5087 or Nate Dee (435) 730-5442.
- 7) Make tapered + watermelon mill trip to PBD 5907'; **Use caution past previous tight spots at 5558' & 5583' in 7" casing.**
- 8) RIH with replacement Centrilift ESP, 2-7/8 tubing, cable, and 1/4" cap string - unplug the existing cap string or replace it to top of sliding sleeve.
- 9) NOTE: bha will **not** include a check valve, but will have an 'R' nipple profile (2.25" ID) added below the 2-7/8 s. sleeve (2.31" ID) as follows: ESP, 2 jts tbg, R nipple, 1 jt tbg, sliding sleeve, tbg to surface.
- 10) Land tubing with ESP Centinel bottom at ~5614' (70' above top of perforation at 5684') as before.
- 11) Perform WH penetrator tie-ins at tubing hanger, including 1/4" capillary string for chemical injection.
- 12) ND BOPE. NUWH. Re-connect to VSD and transformer.
- 13) Perform necessary tests to ensure that the pump is ready to be returned to production.
- 14) Notify Terry Lee (435) 619-7237 that the well is ready to return to production.
- 15) RDMOL.
- 16) Hook up appropriate chemical treatment equipment.

McELMO CREEK UNIT # T-12
GREATER ANETH FIELD
 1940' FSL & 1960' FEL
 SEC 33-T40S-R25E
 SAN JUAN COUNTY, UTAH
 API 43-037-30074
 PRISM 0000412

PRODUCER



G L M 1206-02 MCU# T-12

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2057			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO			
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES		7. UNIT or CA AGREEMENT NAME: MCELMO CREEK			
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		8. WELL NAME and NUMBER: MCELMO CREEK T-12			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1940 FSL 1960 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 33 Township: 40.0S Range: 25.0E Meridian: S		9. API NUMBER: 43037300740000			
9. FIELD and POOL or WILDCAT: GREATER ANETH		COUNTY: SAN JUAN			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/25/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="ESP Replacement"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="ESP Replacement"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="ESP Replacement"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Resolute Natural Resources respectfully submits this sundry as notice of an ESP Replacement on the above well. Attached are the procedures and schematic					
Accepted by the Utah Division of Oil, Gas and Mining Date: August 24, 2015 By:					
NAME (PLEASE PRINT) Erin Joseph		PHONE NUMBER 303 573-4886			
SIGNATURE N/A		TITLE Sr. Regulatory Analyst			
DATE 8/24/2015					

Procedure

Horsley Witten: NO

- 1) MIRU WSU. LOTO equipment. Test rig anchors as required.
- 2) Kill well as necessary.
- 3) NDWH. NU BOP. Test BOP.
- 4) MIRU Centrilift cable spooler.
- 5) POOH with the 2-7/8" tubing and LD ESP assembly, including 1/4" cap string to ~5372'.
- 6) Stand back tubing & inspect for tubing condition. Call Bill Albert for tubing inspection at (970) 371-9682 or if unavailable, call Tech Support: Virgil Holly (435) 730-5087 or Nate Dee (435) 730-5442.
- 7) Do not make bit & scraper trip unless there is significant scale on the ESP equipment.
- 8) RIH with replacement ESP, 2-7/8 tbg, cable, & 1/4" cap string to top of sliding sleeve as before.
- 9) NOTE: bha will **not** include a check valve, but will have an 'R' nipple profile (2.25" ID) below the 2-7/8 sliding sleeve (2.31" ID): ESP, 2 jts tbg, R nipple, 1 jt tbg, sliding sleeve, tbg to surface.
- 10) Land tubing with ESP Centinel bottom at ~5582' (102' above top perforation at 5684') as before.
- 11) Perform WH penetrator tie-ins at tubing hanger, including 1/4" capillary string for chemical injection.
- 12) ND BOPE. NUWH. Re-connect to VSD and transformer.
- 13) Perform necessary tests to ensure that the pump is ready to be returned to production.
- 14) Notify Terry Lee (435) 619-7237 that the well is ready to return to production.
- 15) RDMOL.
- 16) Hook up appropriate chemical treatment equipment.

McELMO CREEK UNIT # T-12

GREATER ANETH FIELD

1940' FSL & 1960' FEL

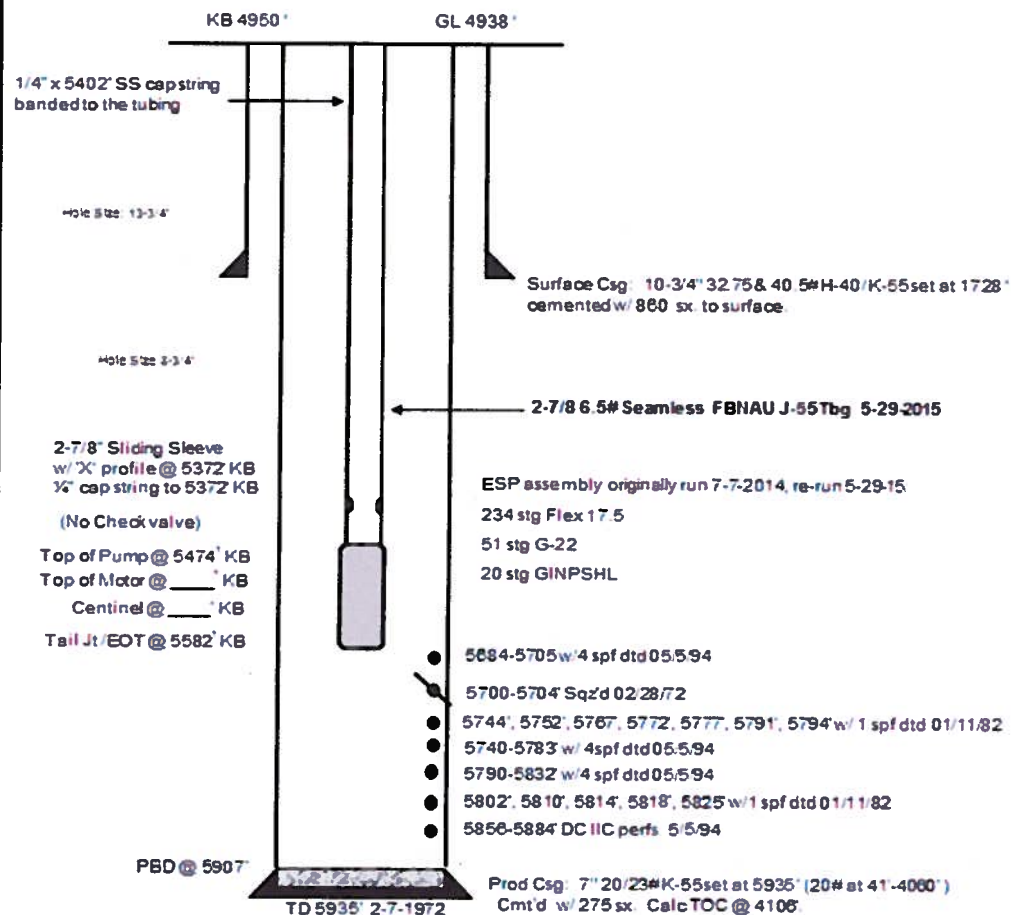
SEC 33-T40S-R25E

SAN JUAN COUNTY, UTAH

API 43-037-30074

PRISM 0000412

PRODUCER



GLM 1209/02 MCU# T-12

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2057
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES		7. UNIT or CA AGREEMENT NAME: MCELMO CREEK
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		8. WELL NAME and NUMBER: MCELMO CREEK T-12
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1940 FSL 1960 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 33 Township: 40.0S Range: 25.0E Meridian: S		9. API NUMBER: 43037300740000
PHONE NUMBER: 303 534-4600 Ext		9. FIELD and POOL or WILDCAT: GREATER ANETH
COUNTY: SAN JUAN		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/17/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:
		<input checked="" type="checkbox"/> OTHER	OTHER: ESP Replacement	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 Resolute Natural Resources respectfully submits this sundry as notice that the ESP replacement was completed on 9/17/2015 according to previously approved procedures

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 January 06, 2016

NAME (PLEASE PRINT) Erin Joseph	PHONE NUMBER 303 573-4886	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 1/6/2016	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2057
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES		7. UNIT or CA AGREEMENT NAME: MCELMO CREEK
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		8. WELL NAME and NUMBER: MCELMO CREEK T-12
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1940 FSL 1960 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 33 Township: 40.0S Range: 25.0E Meridian: S		9. API NUMBER: 43037300740000
PHONE NUMBER: 303 534-4600 Ext		9. FIELD and POOL or WILDCAT: GREATER ANETH
COUNTY: SAN JUAN		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/17/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:
		<input checked="" type="checkbox"/> OTHER	OTHER: ESP Replacement	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 Resolute Natural Resources respectfully submits this sundry as notice that the ESP replacement was completed 9/17/15 on the above well.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 February 09, 2016

NAME (PLEASE PRINT) Erin Joseph	PHONE NUMBER 303 573-4886	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 1/20/2016	